



APR 20 1994

April 18, 1994

Bureau of Land Management  
170 S. 500 E.  
Vernal, UT 84078

Attn: Minerals

Re: ANR Production Company  
Ute #2-33 B6  
SW NE Sec. 33, T2S - R6W  
Duchesne County, Utah  
Lease No. 14-20-H62-2493

Ladies and Gentlemen,

Enclosed please find four copies of the A.P.D. and associated Onshore Order No. 1 for the above mentioned well. Please note that additional copies have been sent to the Ute Tribe. The BIA has informed me that they will not required a copy of the application.

The ROW agreement will be submitted under separate cover by ANR Production Company. If you should have any questions or need additional information, please feel free to contact me.

Approved copies of the A.P.D. should be forwarded to Permitco Inc. at the address shown below. Thank you for your cooperation.

Sincerely,

PERMITCO INC.

Lisa L. Smith  
Consultant for:  
ANR Production Company

Enc.

cc: Ute Tribe - Attn: Pat Padia  
ANR Production Company - Denver, CO  
Division of Oil, Gas & Mining - SLC, UT

Permitco Incorporated  
A Petroleum Permitting Company

13585 Jackson Drive Denver, Colorado 80241 (303) 452-8888

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>#14-20-H62-2493</b>
1b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Ute Tribe</b>
2. NAME OF OPERATOR <b>ANR Production Company</b>		7. UNIT AGREEMENT NAME <b>N/A</b>
3. ADDRESS OF OPERATOR <b>PERMITCO INC. - Agent</b>		8. FARM OR LEASE NAME <b>Ute</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface <b>1796' FNL and 2541' FEL</b> At proposed Prod. Zone <b>SW NE Sec. 33, T2S - R6W</b>		9. WELL NO. <b>#2-33 B6</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>22 miles northwest of Duchesne, Utah</b>		10. FIELD AND POOL OR WILDCAT <b>Altamont</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>1796'</b>	16. NO. OF ACRES IN LEASE <b>640</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 33, T2S - R6W</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>None</b>	19. PROPOSED DEPTH <b>13900'</b>	12. COUNTY OR PARISH <b>Duchesne</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>7352' GR</b>		13. STATE <b>Utah</b>
22. APPROX. DATE WORK WILL START* <b>Upon approval</b>		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" K-55	54.5# LT&C	0-200'	208 CF Class "G"
12-1/4"	9-5/8" S-95	40.0# BT&C	0-7400'	3288 CF Class "G"
8-3/4"	7" S-95	26.0# LT&C	7200-10,700'	883 CF 50/50 Poz mix
8-3/4"	5-1/2" S-95	23.0# LT & C	10700'-13900'	1497 CF Class "G"

ANR Production Company proposes to drill a well to a proposed T.D. of 13900' (Maximum 14,100') to test the Wasatch formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM, BIA, & State of Utah requirements.

See Onshore Order No. 1 attached.

Please be advised that ANR Production Company is considered to be the Operator of the above mentioned well. ANR agrees to be responsible under the terms of the lease for the operations conducted upon the leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by ANR Production Company under their Nationwide Bond #962213.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] CONSULTANT FOR: ANR Production Co. DATE 04/18/94  
(This space for Federal or State office use)

PERMIT NO. 43-013-31445 APPROVAL DATE APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING  
APPROVED BY DATE: \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: BY: \_\_\_\_\_

cc: Utah Division of Oil, Gas & Mining

\*See Instructions On Reverse Side **WELL SPACING:** \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**ONSHORE OIL & GAS ORDER NO. 1**

**Approval of Operations on Onshore  
Federal and Indian Oil & Gas Leases**

APR 20 1994

**Ute #2-33 B6  
1796' FNL and 2541' FEL  
SW NE Sec. 33, T2S - R6W  
Duchesne County, Utah**

**Prepared For:**

**ANR PRODUCTION COMPANY**

**By:**

**PERMITCO INC.  
13585 Jackson Drive  
Denver, Colorado 80241  
303/452-8888**

**Copies Sent To:**

- 4 - BLM - Vernal, Utah**
- 1 - Utah Division of Oil, Gas & Mining - SLC, UT**
- 1 - Ute Tribe - Ft. Duchesne, UT**
- 1 - ANR Production Co. - Denver, CO**





**ANR Production Company**  
A SUBSIDIARY OF THE COASTAL CORPORATION

*The Energy People*

**Bureau of Land Management  
170 S. 500 E.  
Vernal, UT 84078**

**RE: Federal Permitting Services**

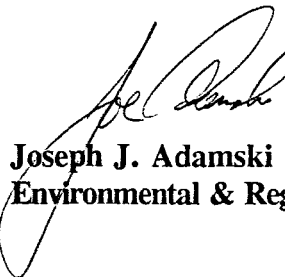
**Gentlemen:**

This letter is to inform you that Permitco Inc. is authorized to act as Agent and to sign documents on behalf of ANR Production Company when necessary for filing county, state and federal permits including Onshore Order No.1, Right of Way applications, etc.

It should be understood that Permitco is acting as Agent only in those matters stated above and is not responsible for drilling, completion, production or compliance with regulations.

ANR Production Company agrees to accept full responsibility for operations conducted in order to drill, complete and produce the above mentioned well.

**Sincerely,**



**Joseph J. Adamski  
Environmental & Regulatory Analyst**

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**Ute #2-33 B6**

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ONSHORE ORDER NO. 1  
ANR Production Co.  
Ute #2-33 B6  
1796' FNL and 2541' FEL  
SW NE Sec. 33, T2S - R6W  
Duchesne County, Utah

Lease No. 14-20 H62-2493

**DRILLING PROGRAM**

Page 1

**ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal and Indian Oil and Gas Leases**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

**1. Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Duchesne River/Uinta	Surface	
Green River	5,180'	+2182'
Lower Green River	8,745'	-1383'
Wasatch	10,245'	-2883'
T.D.	13,900'	-6538'
Permit Depth	14,100'	-6738'

**2. Estimated Depths of Anticipated Water, Oil, Gas or Minerals Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Lower Green River	8,745'
Oil/Gas	Wasatch	10,245'
Other Mineral Zones	N/A	

All fresh water prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

**DRILLING PROGRAM**

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**3. Pressure Control Equipment: (Schematic Attached)**

ANR Production Company's minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Annular preventer (Hydril), 11" Double Gate Hydraulic, Drilling Spool, 5000 psi.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed;
- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30-day intervals

Valves shall be tested from working pressure side during BOPE tests with all downstream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

Annular preventers shall be functionally operated at least weekly.

**DRILLING PROGRAM**

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Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have the BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 5000 psi working pressure blowout preventor.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

**DRILLING PROGRAM**

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**4. Proposed Casing and Cementing Program:**

- a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.
- b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data)
- d. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- e. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- f. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.
- g. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.

ANR Production Co.

Ute #2-33 B6

1796' FNL and 2541' FEL  
SW NE Sec. 33, T2S - R6W  
Duchesne County, Utah

**DRILLING PROGRAM**

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- h. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.
- i. Surface casing shall have centralizers on every fourth joint of casing starting with the shoe joint and up to the bottom of the cellar.
- j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
- k. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.
- l. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
- m. The proposed casing program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	<u>New or Used</u>
Surface	0-200'	17-1/2"	13-3/8"	54.5#	K-55	ST&C	New
Surface	0-7400'	12-1/4"	9-5/8"	40.0#	S-95	BT&C	New
Liner*	7200-10700'	8-3/4"	7"	26.0#	S-95	LT&C	New
Liner	10700-T.D.	8-3/4"	5-1/2"	23.0#	S-95	LT&C	New

\* One string liner with 7" x 5-1/2" cross over joint.

- n. Casing design subject to revision based on geologic conditions encountered.



Permitco Incorporated  
A Petroleum Permitting Company

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- o. The cement program will be as follows:

<u>Surface Conductor</u>	<u>Type and Amount</u>
0-200'	± 280 sx type "V" AG w/2% CaCl <sub>2</sub> , 1/4#/sk Flocele, Circ. w/10 bbls. to pit.

<u>Surface</u>	<u>Type and Amount</u>
0-7400'	<u>Lead:</u> (Stage 1) 625 sx (2444 CF) Hi-fill Premium Plug cmt w/1% Econolite, 1/4#/sk Flocele, 10#/sk Gilsonite, 3#/sx Granulite, 16% gel, 0.3% HR-7 & 3% NaCl. (Approx. 3900' of fill). <u>Tail:</u> w/280 sx (330 CF) Premium Plus Neat cmt w/1/4#/sk Flocele. (Approx. 500' of fill). Set DV Tool @ 3000' <u>Lead:</u> ((Stage 2) 490 sx (1916 CF) Hi-fill Premium Plus cmt. (Approx. 3000' of fill).

<u>Production</u>	<u>Type and Amount</u>
	<u>Lead:</u> (Stage 1) 194 sx (559 CF) Silicalite Premium Plus cmt w/0.3% Halad 413 & 0.6% SCR-100. (Approx. 2400' of fill). <u>Lead:</u> (Stage 2) 420 sx (874 CF) Silicalite Premium Plus cmt w/0.3% Halad 413. (Approx. 3800' of fill). <u>Tail:</u> 540 sx (670 CF) 50/50 Pozmix cmt w/2% Halad 322 & 0.6% gel. (Approx. 1750' of Fill)

- p. Anticipated cement tops will be reported as to depth; not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.
- q. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.
- r. The following reports shall be filed with the District Manager within 30 days after the work is completed.
1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:
    - a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing

**DRILLING PROGRAM**

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test method and results, and the date work was done. Show the spud date on the first reports submitted.

- b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- s. Auxiliary equipment to be used is as follows:
  - 1. Kelly cock
  - 2. No bit float is deemed necessary.
  - 3. A sub with a full opening valve.

5. **Mud Program:**

- a. The proposed circulating mediums to be employed in drilling are as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>F/L</u>	<u>PH</u>
0-7200'	Air Misting	---	--	---	--
7200-13900'	LSND to lightly dispersed mud.	9.9-10.2	40-45	8cc's	

Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations.

A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, static filtration loss, and Ph.

DRILLING PROGRAM

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- b. Mud monitoring equipment to be used is as follows:
  - 1. Periodic checks will be made each tour of the mud system. The mud level will be checked visually.
- c. No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.
- d. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

6. Evaluation Program:

The anticipated type and amount of testing, logging and coring are as follows:

- a. No drill stem tests are anticipated, however, if they are run the following requirements will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DSTs may be accomplished day or night.

**DRILLING PROGRAM**

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A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions. This would involve provided some means for reverse circulation.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- b. The logging program will consist of a DIL-SP-GR\* and FDC-CNL-CR-CAL and BHC-Sonic-GR from 13900' to 7000'. The Gamma Ray will be pulled to surface.
- c. No cores are anticipated. Rotary sidewall cores if warranted.
- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).
- e. No stimulation or frac treatment has been formulated for this test at this time. The drill site, as approved, will be of sufficient size to accommodate all completion activities.

**7. Abnormal Temperatures or Pressures**

- a. No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area.

**DRILLING PROGRAM**

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- b. Maximum anticipated bottom hole pressure equals approximately 7367 psi (calculated at 0.53 psi/foot) and maximum anticipated surface pressure equals approximately 3058 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft.).

8. **Anticipated Starting Dates and Notification of Operations:**

- a. Drilling will commence immediately upon approval of this application.
- b. It is anticipated that the drilling of this well will take approximately 60 days.
- c. The BLM in Vernal, Utah shall be notified of anticipated date of location construction commencement and of anticipated spud date.
- d. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.
- e. The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.
- f. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.
- g. **Immediate Report:** Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

DRILLING PROGRAM

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- h. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- i. Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than 5 days following the date on which the well is placed on production.
- j. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.
- k. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.
- l. A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3 and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.
- m. A first production conference will be scheduled within 15 days after receipt of the first production notice.
- n. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the

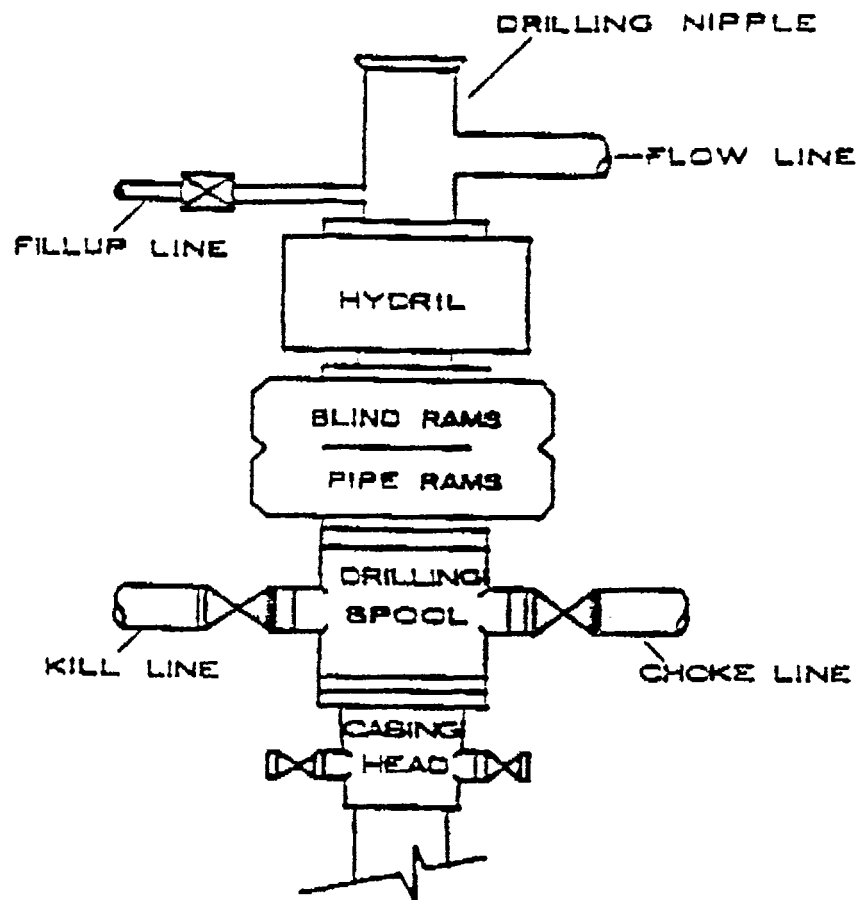
**DRILLING PROGRAM**

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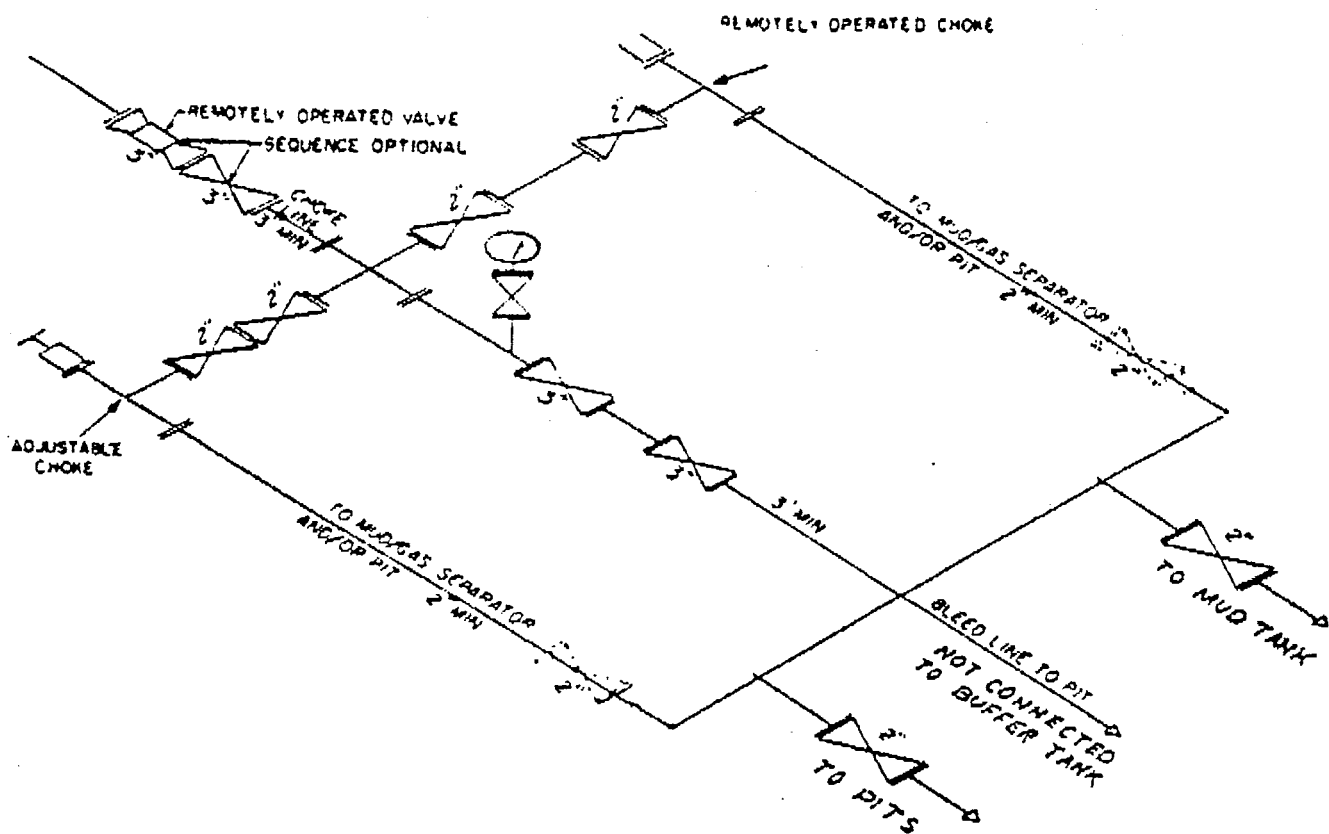
AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

- o. Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

## BOP STACK



**ANR** ANR Production Company  
An American Natural Resources Company



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An American Natural Resource Company

**ANR Production Co.****Ute #2-33 B6****1796' FNL and 2541' FWL****SW NE Sec. 33, T2S - R6W****Duchesne County, Utah****SURFACE USE PLAN****Page 1****ONSHORE OIL & GAS ORDER NO. 1****NOTIFICATION REQUIREMENTS**

- Location Construction -**      **forty-eight (48) hours prior to construction of location and access roads.**
- Location Completion -**      **prior to moving on the drilling rig.**
- Spud Notice -**                      **at least twenty-four (24) hours prior to spudding the well.**
- Casing String and      -**      **twenty-four (24) hours prior to running casing and**  
**Cementing**                      **cementing all casing strings.**
- BOP and Related      -**      **twenty-four (24) hours prior to initiating pressure tests.**  
**Equipment Tests**
- First Production      -**      **within five (5) business days after new well begins or**  
**Notice**                      **production resumes after well has been off production for**  
   **more than ninety (90) days.**

**The onsite inspection for the above mentioned well was conducted on Monday, April 11, 1994 at approximately 12:50 p.m. Weather conditions were cool with a slight breeze. Present at the onsite inspection were the following individuals:**

**Ralph Brown**  
**Dale Thomas**  
**Pat Padia**  
**Robert Kay**  
**Lanny Taylor**  
**Lisa Smith**  
**Clay Einerson**

**Natural Resource Specialist**  
**Soil Conservationist**  
**Energy & Minerals**  
**Surveyor**  
**Surveyor**  
**Permitting Consultant**  
**Maintenance**

**BLM**  
**BIA**  
**Ute Tribe**  
**UELS**  
**UELS**  
**Permitco Inc.**  
**ANR Production Co.**

1. Existing Roads

a. The proposed well site is located approximately 6 miles southeast of Duchesne, Utah.

b. Directions to the location from Duchesne, Utah are as follows:

From Duchesne proceed west on Highway 40 for 6.8 miles. Turn right and proceed north and west for 6.3 miles to a fork in the road. Turn right and continue north an additional 6.3 miles to another fork in the road. Turn left and proceed northeasterly for 0.5 miles to a fork in the road. Turn right and proceed southeasterly for 2.0 miles to the beginning of the new access road. Turn left and proceed north and east for 0.2 miles, following the flagging to the location.

c. For location of access roads within a 2-Mile radius, see Maps A & B.

d. Improvement to the existing access will not be necessary.

e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

f. Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.

2. Planned Access Roads

a. Approximately 0.2 mile of new access will be required after leaving the existing improved road.

b. The maximum grade will be approximately 8%.

c. Turnouts will be installed where necessary.



SURFACE USE PLAN

Page 3

- d. No culverts or bridges will be required, however water bars will be installed along the access where necessary.
- e. The access road was centerline flagged at the time of staking.
- f. Surface material will be that of native material.
- g. No gates, cattleguards or fence cuts will be necessary.
- h. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- i. The road will be constructed/upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowing and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.
- j. A BIA road right of way application will be submitted under separate cover.

ONSHORE ORDER NO. 1  
ANR Production Co.  
Ute #2-33 B6  
1796' FNL and 2541' FWL  
SW NE Sec. 33, T2S - R6W  
Duchesne County, Utah

Lease No. 14-20-H62-2493

**SURFACE USE PLAN**  
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3. **Location of Existing Wells Within a 1-Mile Radius of the Proposed Location.**

- a. Water wells - none
- b. Injection wells - none
- c. Producing wells - none
- d. Drilling wells - none
- e. Shut-in wells - none
- f. Temporarily abandoned wells - none
- g. Disposal wells - none
- h. Dry Holes - none

4. **Location of Tank Batteries and Production Facilities.**

- a. All permanent structures (onsite for six months or longer) constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five (5) state Rocky Mountain Inter-Agency Committee.

All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act rules and regulations will be excluded from this painting requirement.

The required paint color is Desert Tan, Munsell standard color number 10 YR 6/3.

- b. If storage facilities/tank batteries are constructed on this lease, the facility/battery or the wellpad shall be surrounded by a containment dike of sufficient capacity to contain at a minimum, the entire content of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.
- c. A Sundry Notice will be submitted showing placement of all production facilities prior to construction.
- d. If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.
- e. Any necessary pits will be properly fenced to prevent any wildlife entry.
- f. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.
- g. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.
- h. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.
- i. The road will be maintained in a safe useable condition.
- j. All wellsite locations on the Uinta and Ouray Indian Reservation will have an appropriate sign indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter-quarter section, the section, township and range).

SURFACE USE PLAN

Page 6

- k. Permission is hereby requested to construct powerlines and pipelines as shown on the attached Map "D". These pipelines/powerlines will tie in with existing lines running from the Ute #2-26 B6 to the #1-35 B6 locations. A low pressure pipeline bundle will be constructed within the road corridor. The maximum width will be 60 feet. Powerlines will be constructed overhead. A ROW agreement and damage plat will be submitted under separate cover.

5. Location and Type of Water Supply

- a. Fresh water for drilling will be obtained from the Duchesne City Culinary Water System, located in Sections 1 and 2, T4S - R5W, Duchesne County, Utah under the existing water rights held by the City of Duchesne, Utah or from the Ute Indian Tribe Water Right #1230 taken from the Jasper Pike Canal.
- b. Water will be hauled to location over the roads marked on Maps A and B.
- c. No water well is to be drilled on this lease.

6. Source of Construction Material

- a. Construction materials needed for surfacing of the wellpad will be native from location and/or access road.
- b. No construction materials will be taken from Federal and/or Indian lands without prior approval from the appropriate surface management agency.
- c. If production is established, any additional construction materials needed for surfacing the access road and installation of production facilities will be purchased from a local supplier having a permitted (private) source of materials in the area.
- d. No construction materials will be required.

7. Methods of Handling Waste Disposal

- a. The reserve pit will be constructed so as not to leak, break, or allow discharge.
- b. A reserve pit will be lined with either native clay, commercial bentonite or plastic sufficient to prevent seepage. (If a plastic nylon reinforced liner is used, it shall be torn and perforated after the pit dries and before backfilling of the reserve pit.) No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.
- c. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight.
- d. After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.
- e. Drill cuttings are to be contained and buried in the reserve pit.
- f. Any salts and/or chemicals which are an integral part of the drilling system will be disposed of in the same manner as the drilling fluid.
- g. A chemical porta-toilet will be furnished with the drilling rig.
- h. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas salt water or other produced fluids will be cleaned up and removed.

8. Ancillary Facilities

There are no airstrips, camps, or other facilities planned during the drilling of the proposed well.

9. Well Site Layout

- a. The reserve pit will be located on the southeast corner of the location. Due to probable rock in the pit area, the reserve pit will be lined. Prior to lining the pit, the pit will be lined with straw or dirt fines to prevent possible tearing/puncturing of the liner.
- b. Because it was not possible to locate the flare pit downwind of the prevailing wind direction due to topography, we are requesting a waiver to this requirements. As a protective measure, a berm will be constructed on three sides of the flare pit to prevent the flare from blowing across the wellpad area. The flare pit will be located a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.
- c. The stockpiled topsoil (first twelve inches) will be stored along the west side of the location as shown on the attached rig layout.
- d. Access to the wellpad will be from the west as shown on the attached rig layout.
- e. See Location Layout for orientation of rig, cross section of drill pad and cuts and fills.
- f. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Location Layout.
- g. Diversion ditches will be constructed around the southwest and southeast sides of the wellpad as shown on the location layout.

- h. All pits will be fenced according to the following minimum standards:
1. 39 inch net wire shall be used with at least one strand or barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
  2. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.
  3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
  4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
  5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.
- i. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until cleanup.

10. Plans for Restoration of Surface

Producing Location

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

- c. If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed and all cans, barrels, pipe, etc., will be removed.

To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three (3) feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

- e. The appropriate surface management agency should be contacted for the required seed mixture.

Dry Hole

- f. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. Surface Ownership

The well site and proposed access road are situated on surface lands owned by the Uintah & Ouray Indian Tribes and administered in trust by:

Bureau of Indian Affairs  
Uinta & Ouray Agency  
P.O. Box 130  
Ft. Duchesne, UT 84026  
801/722-2406

12. Other Information

- a. A Class III archeological survey was conducted by Metcalf Archeological Consultants. A copy of this report is attached. Due to a single isolate located during the survey of this location, the wellpad has been moved 50 feet in order to provide a 100' buffer area. At the request of the Tribe, a Tribal representative will be present during construction.
- b. The operator is responsible for informing all persons in the areas who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:
  - whether the materials appear eligible for the National Register of Historic Places;
  - the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
  - a time frame for the AO to complete and expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.
- c. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension



Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

- d. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.
- e. Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right of Way Authorization". All operators, subcontractors vendors and their employees or agents may not disturb saleable timber (including firewood) without a duly granted wood permit from the BIA Forester.
- f. All roads constructed by operators on the Uinta and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the BIA before cutting firewood or other timber products and (3) only authorized personnel permitted.
- g. A complete copy of the approved APD shall be on location during construction of the location and drilling activities.
- h. This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

ONSHORE ORDER NO. 1  
ANR Production Co.  
Ute #2-33 B6  
1796' FNL and 2541' FWL  
SW NE Sec. 33, T2S - R6W  
Duchesne County, Utah

Lease No. 14-20-H62-2493

SURFACE USE PLAN  
Page 13

13. Lessee's or Operator's Representative and Certification

Permit Matters  
PERMITCO INC.  
Lisa L. Smith  
13585 Jackson Drive  
Denver, CO 80241  
303/452-8888


Drilling & Completion Matters  
ANR Production Company  
600-17th Street, Suite 800 S  
Denver, CO 80201-0749  
Ned Shifflett - Operations Superintendent  
303/573-4455 (office)  
Joe Adamski - Environmental Coordinator  
303/573-4476 (office)  
303/828-3045 (home)

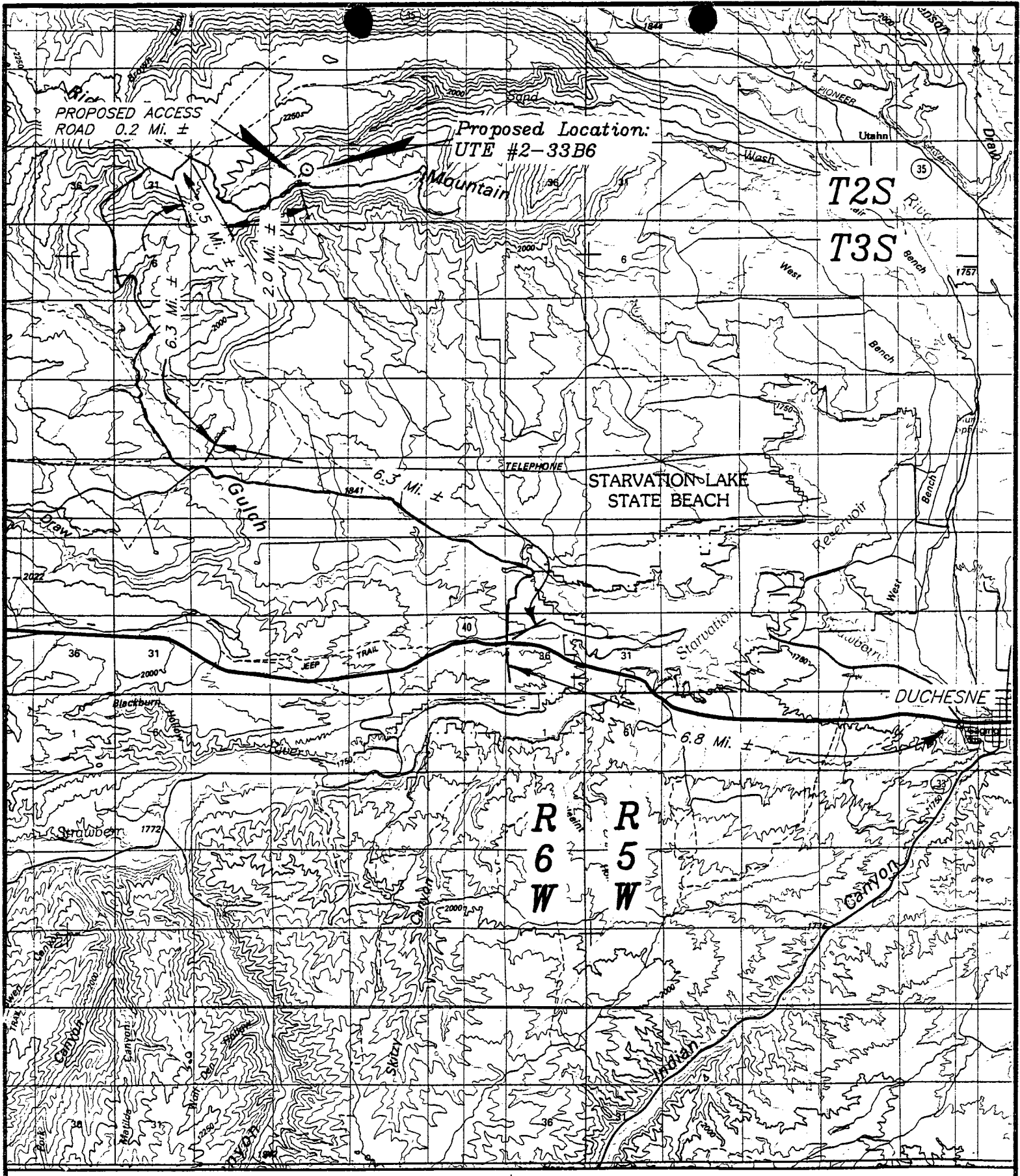
Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by ANR Production Company its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

This statement is subject to the provisions of 18.U.S.C. 1001 for the filing of a false statement.

April 18, 1994  
Date:

  
\_\_\_\_\_  
Lisa L. Smith - PERMITCO INC.  
Authorized Agent for:  
ANR PRODUCTION COMPANY



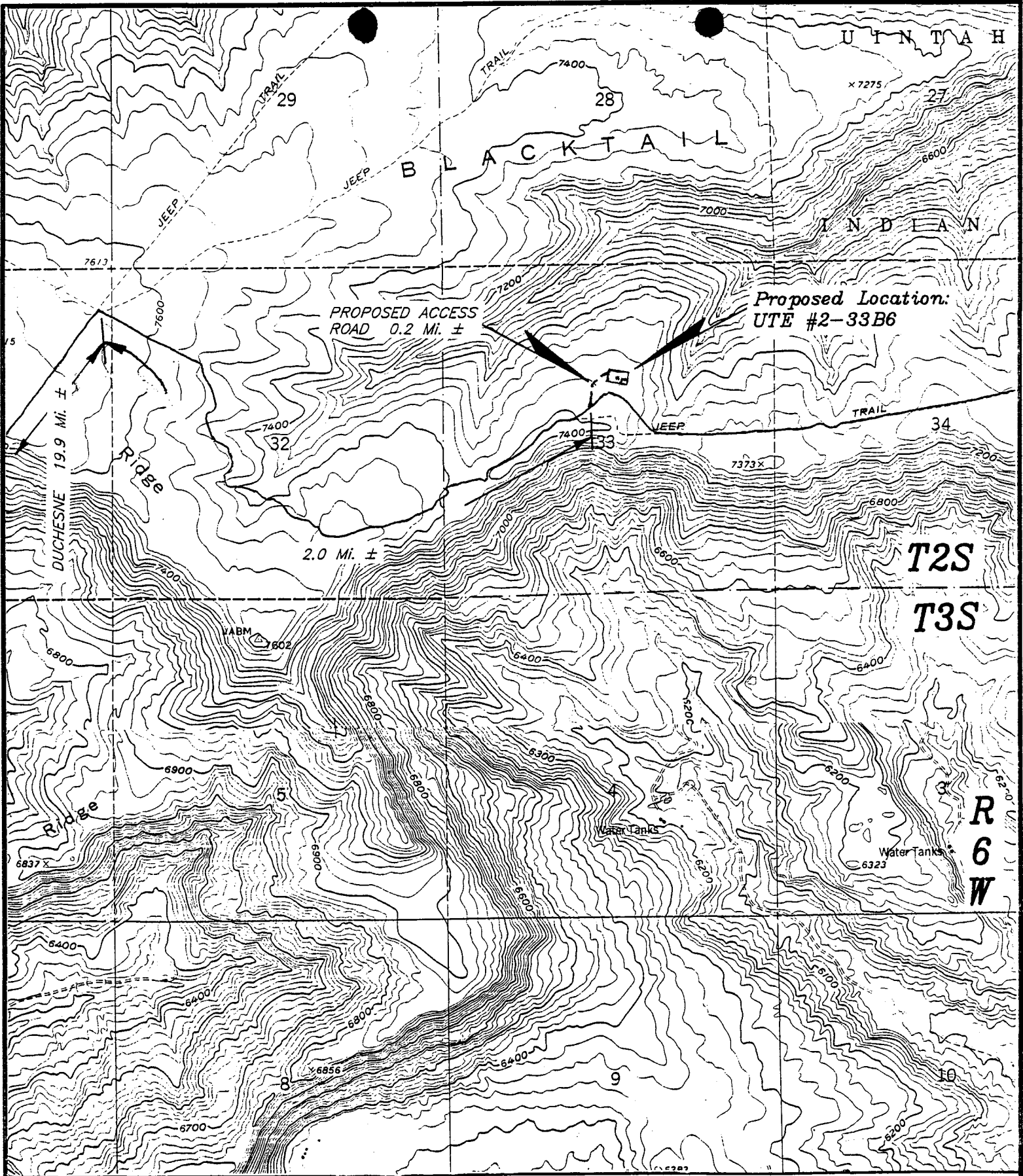
TOPOGRAPHIC  
MAP "A"

DATE: 4-8-94 C.B.T.



ANR PRODUCTION CO.

UTE #2-33B6  
SECTION 33, T2S, R6W, U.S.B.&M.  
1796' FNL 2451' FEL



TOPOGRAPHIC  
MAP "B"

SCALE: 1" = 2000'

DATE: 4-8-94 C.B.T.

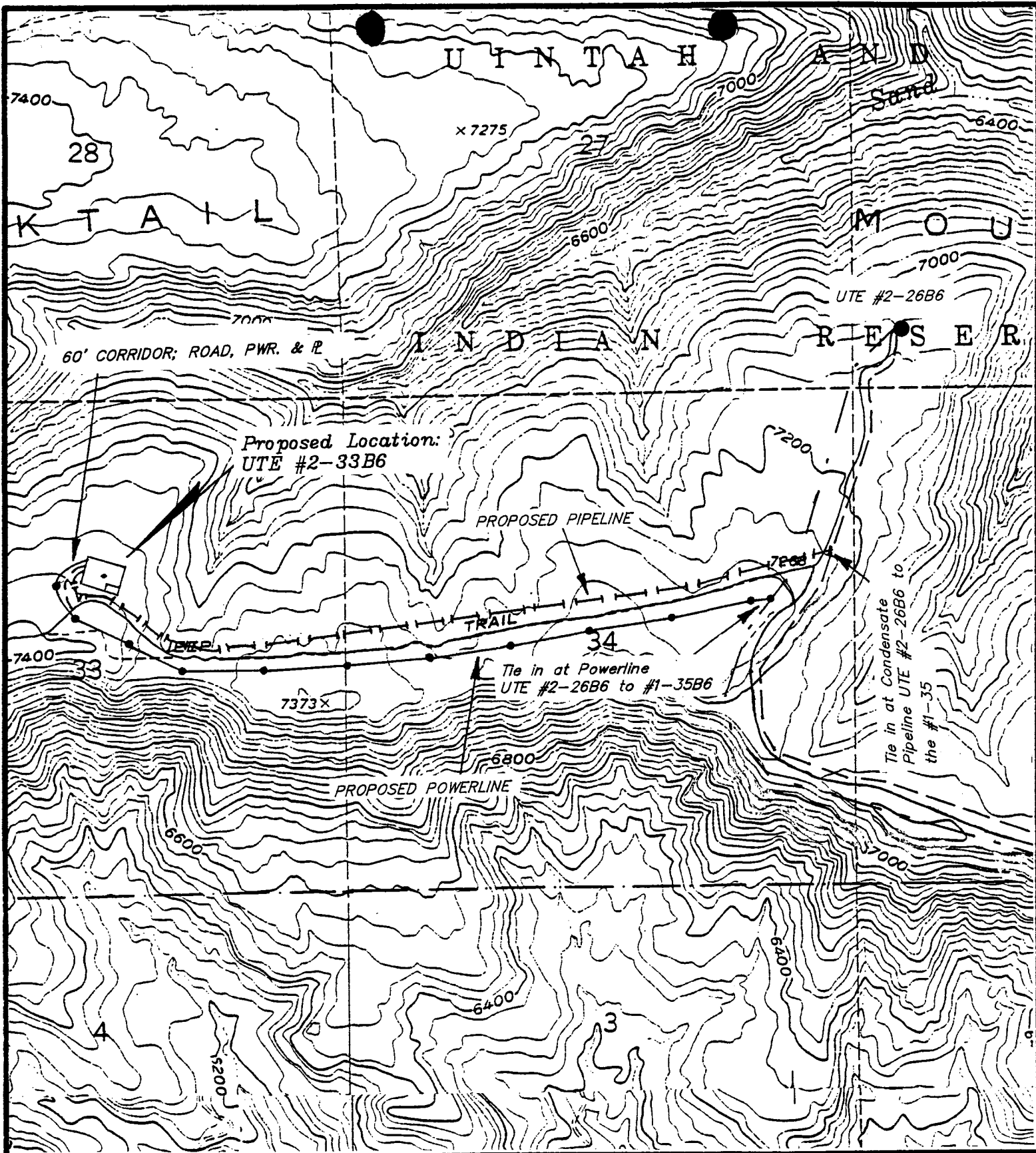


ANR PRODUCTION CO.

UTE #2-33B6

SECTION 33, T2S, R6W, U.S.B.&M.

1796' FNL 2451' FEL



TOPOGRAPHIC  
MAP "D"

LEGEND:

- EXISTING PIPELINE
- |-|-|-|- Proposed Pipeline
- Proposed Powerline
- EXISTING POWERLINE



ANR PRODUCTION CO.

UTE #2-33B6  
SECTION 33, T2S, R6W, U.S.B.&M.

DATE: 4-8-94 C.B.T.

# ANR PRODUCTION CO.

## LOCATION LAYOUT FOR

UTE #2-33B6

SECTION 33, T2S, R6W, U.S.B.&M.

1796' FNL 2541' FEL

SCALE: 1" = 60'

DATE: 4-8-94

DRAWN BY: D.J.S.

REVISED: 4-14-94 C.B.T.

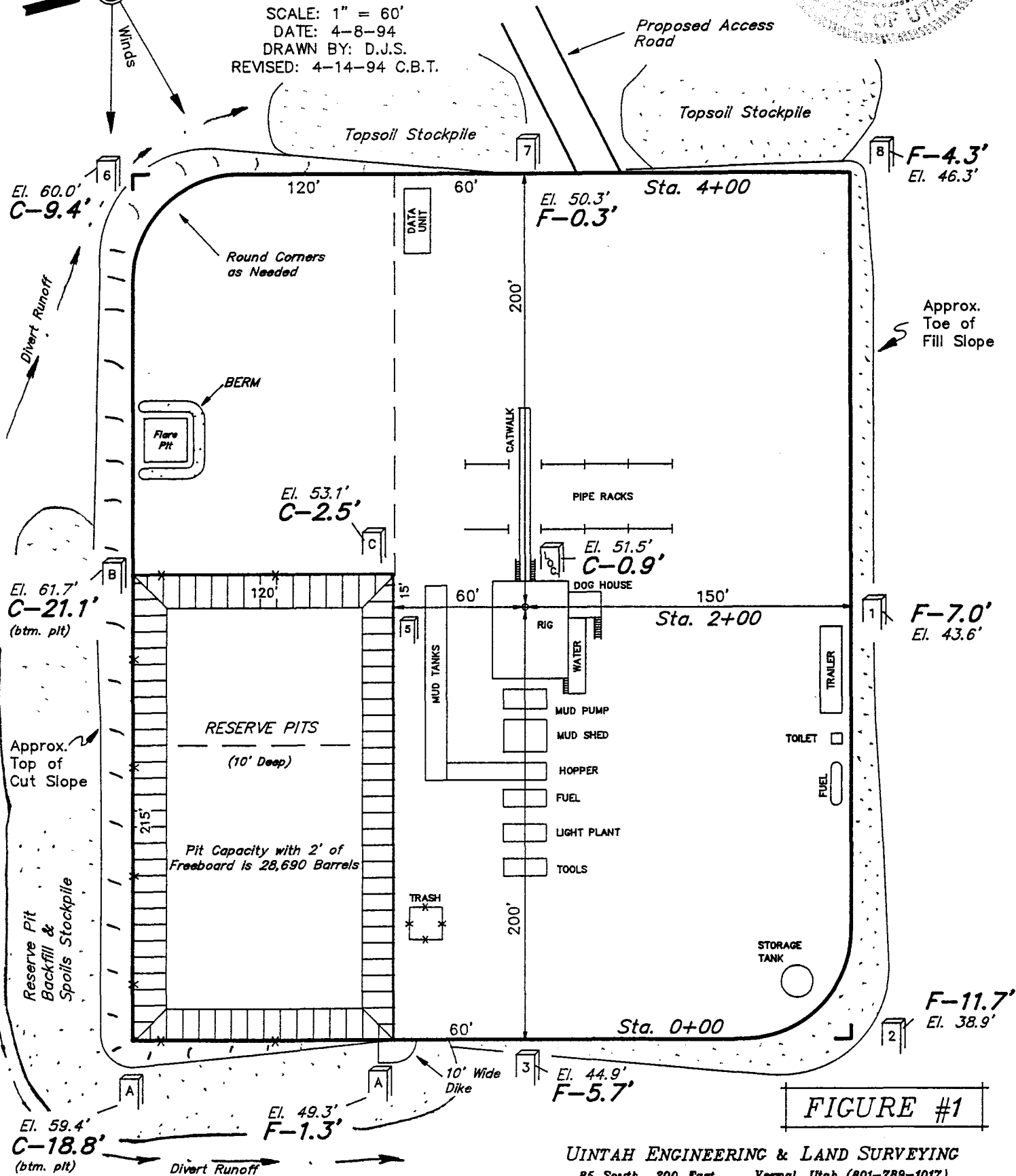
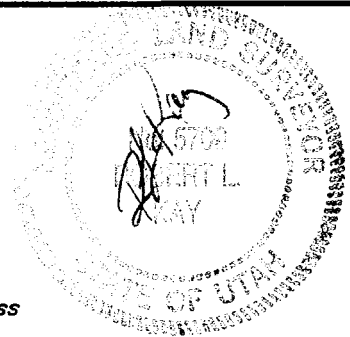


FIGURE #1

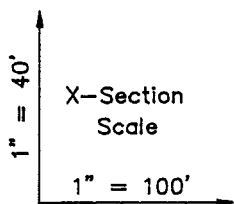
# ANR PRODUCTION CO.

## TYPICAL CROSS SECTIONS FOR

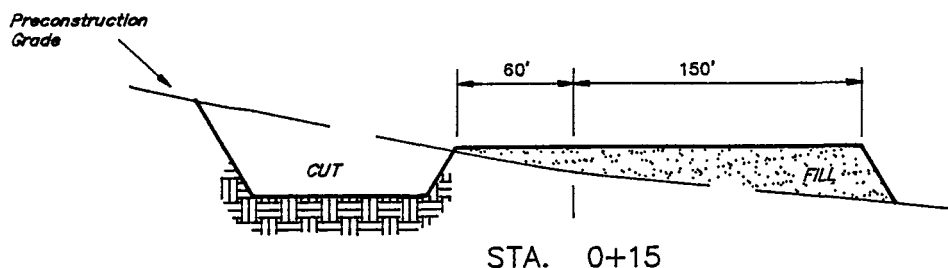
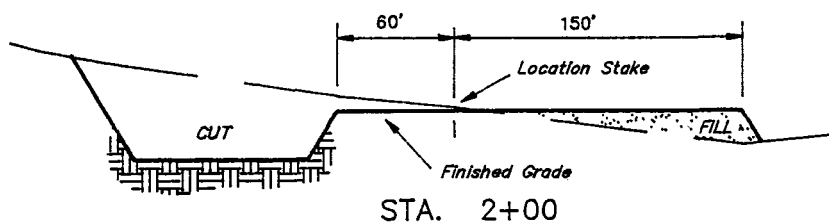
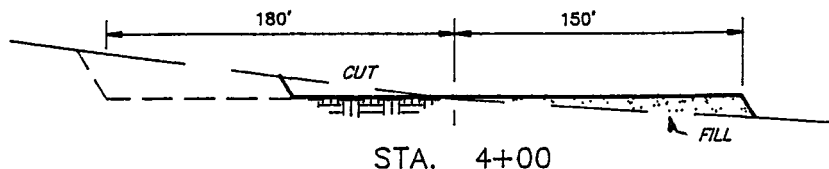
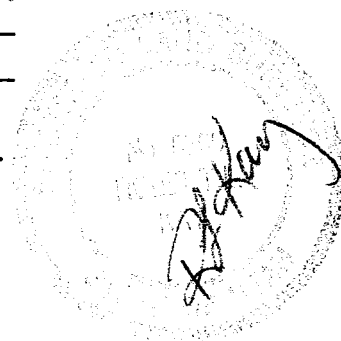
UTE #2-33B6

SECTION 33, T2S, R6W, U.S.B.&M.

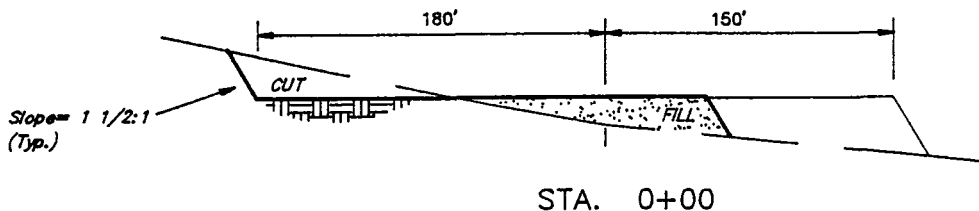
1796' FNL 2541' FEL



DATE: 4-8-94  
DRAWN BY: D.J.S.



Topsoil Should Not be Stripped Below Finished Grade on Substructure Area.



### APPROXIMATE YARDAGES

#### CUT

(12") Topsoil Stripping = 4,890 Cu. Yds.

Remaining Location = 18,220 Cu. Yds.

TOTAL CUT = 23,110 CU.YDS.

FILL = 13,610 CU.YDS.

#### EXCESS MATERIAL AFTER

5% COMPACTION = 8,780 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Volume) = 8,780 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 0 Cu. Yds.

### NOTES:

Elev. Ungraded Ground At Loc. Stake = 7351.5'

FINISHED GRADE ELEV. AT LOC. STAKE = 7350.6'

FIGURE #2

UINTAH ENGINEERING & LAND SURVEYING  
85 South 200 East Vernal, Utah (801-789-1017)

**There are no federal stipulations at this time.**



**M A C**

**Metcalf Archaeological Consultants, Inc.**

April 8, 1994

Mr. Joseph J. Adamski  
Coastal Oil and Gas Corporation  
P.O. Box 749  
Denver, CO 80201-0749

Dear Mr. Adamski:

Enclosed please find our cultural resource inventory reports for the proposed well pads, access roads and pipeline locations for the NBU #222 unit (state of Utah land) & the Ute #2-33B6 unit, and the inventory report for the utility corridor between pads Ute #2-26B6 and Ute #2-33B6.

Two isolated finds were discovered during these surveys. A stone cairn was located during the survey of the NBU #222 access road. It is located outside the project boundaries and will not be impacted by construction of the access road. A second isolated find consisting of a mano was found within the corridor for the access road to the Ute #2-33B6 pad and approximately 50 feet from the southeast corner of the well pad pit. The isolate was avoided and protected by moving the access road to the west side of the pad, and moving the well pad approximately 50 feet to the northwest. It is recommended that a technician from the Northern Ute Tribe be present during construction at the Ute #2-33B6 unit. As both resources are isolates, they are not eligible to the National Register of Historic Places. Cultural resource clearance is recommended for both well pads, their associated access roads/utility corridors, and the utility corridor parallel to the existing oil & gas field road provided that a Northern Ute technician is present during construction of the Ute 2-33B6 unit.

If you have questions, please do not hesitate to contact us.

Sincerely,

Michael D. Metcalf  
Principal Investigator

cc: State Historic Preservation Office, Salt Lake City  
Lisa Smith, Permitco  
Betsie Chapoose, Cultural Rights & Protection  
Ferron Secakuku, Energy and Minerals  
Pat Padilla, Energy and Minerals  
Business Council, Ute Tribe  
Dale Hanberg, BIA, Ft. Duchesne  
Norman Cambridge, BIA, Ft. Duchesne  
Amy Huslein, BIA, Phoenix

enclosures



ANR Production Company's  
Proposed Ute #2-33B6 Well Pad, Access Road and Pipeline  
Cultural Resource Inventory on Ute Tribal Land  
Duchesne County, Utah

by  
Dulaney Barclay

Michael D. Metcalf  
Principal Investigator

Prepared for  
Coastal Oil and Gas Corporation  
Nine Greenway Plaza, Suite 474  
Houston, TX 77046

Prepared by  
Metcalf Archaeological Consultants, Inc.  
P. O. Box 899  
Eagle, CO 81631

Project Number U-94-mm-165i

April 1994

## Introduction

Metcalf Archaeological Consultants, Inc. (MAC) Eagle, Colorado was contracted by Coastal Oil & Gas Corporation of Houston, Texas to conduct a cultural resource investigation of the proposed Ute #2-33B6 well pad and access road/utility corridor. The project area lies on top of Blacktail Mountain in Duchesne County, Utah on lands administered by the Northern Ute Indian Tribe. Specifically, it is located in the SE $\frac{1}{4}$  of the NW $\frac{1}{4}$ , and the SW $\frac{1}{4}$  of the NE $\frac{1}{4}$  of section 33, T.2S, R.6W (Figure 1). The surveyed area included a ten acre block centered on the proposed drill hole location and an approximately 300 foot long corridor 100 feet wide for the proposed access road/utility corridor. Thus, a total of 10.7 acres were surveyed for the proposed project.

A single isolated find was located during the survey of the access road/utility corridor (IF 2-33B6-1). The isolated find consisted of a bifacially pecked and ground mano. The resource was recorded, the access road/utility corridor moved to the opposite side of the well pad, and well pad itself moved 50 feet to the northwest to avoid impacting the isolate or disturbing any buried cultural materials at that location during construction. Isolated finds are not eligible the National Register of Historic Places (NRHP), and the isolate will be avoided. Cultural resource clearance is recommended with the stipulation that a Ute Tribal Energy and Minerals technician be present during pad construction.

The cultural resource inventory was conducted by MAC archaeologist Dulaney Barclay on April 5, 1994 with a Ute Tribe Access Permit (approval date: 4/5/94). Ute Tribe Energy and Minerals Technician Pat Padilla was also present. All field notes and maps are on file at the MAC office in Eagle, Colorado.

## Files Search

A file search was requested through the Division of State History in Salt Lake City on April 1, 1994. This search reported surveys and previously recorded sites in the general area of the project. However, none of these previous investigations or sites were located in the area currently under investigation.

## Environment

The study area is located within a east-west trending ridge system near the southern margin of the Uintah Mountains. More specifically, it is located in the Altimont-Bluebell oil and gas field on top of Blacktail Mountain two-and-a-half miles south of the Duchesne River. Sand Wash is located approximately one mile to the north/northeast, and numerous steep sided draws and gullys drop off sharply on the north and south sides of Blacktail Mountain toward the Duchesne River and the Uintah Basin.



Soil for the area is a tan fine to medium-grained sand of residual origin. Sandstone caps the ridgetop with deeper bedrock units exposed in the dry draws on the north and south sides of Blacktail Mountain. Sandstone locally outcrops on the east end of the well pad location.

Vegetation cover is approximately twenty to thirty percent and allows good to fair soil surface visibility. The vegetation can be characterized as being in an Upper Sonoran zone dominated by a piñon-juniper woodland. Prevalent plants include thick piñon and juniper trees with an understory of sparse shrubs, mixed grasses and forbs. Other identified plants were sagebrush, mountain mahogany, Mormon tea, and prickly pear cactus.

### Field Methods

The project area was surveyed using zig-zag pedestrian transects. A ten acre block centered on the staked drill hole location was surveyed using parallel transects spaced no more than 15m apart. The access road/utility corridor was examined using one zig-zag pedestrian transect on either side of the flagged centerline. Each transect covered 15m (50 feet) on either side of the proposed access road resulting in a total corridor width of 30m (100 feet) being surveyed. The proposed pipeline parallels the well pad access road approximately 6m (20 ft.) from the road's centerline. As such, it lies well within the 100' wide surveyed corridor for the pad access road. A total of 10.7 acres were surveyed during this investigation.

When cultural resources were encountered, the surrounding area was intensively inspected for additional resources'. Locations of resources were then marked, and a determination made as to whether the resource(s) found should be classified as an isolated find or a site using State of Utah criteria. The appropriate forms were then filled out, and the resource's location with regards to the staked limits of the proposed undertaking determined. In consultation with the Ute Tribal Energy and Minerals technician, a recommendation was made to the representative of Uintah Engineering and Land Survey (ULES).

### Results

A single isolated find (IF 2-33B6-1) was discovered during the survey of the proposed well pad access road/utility corridor. This isolate consisted of a bifacially pecked and ground mano of very coarse-grained sandstone. The mano was also ground along one side and appeared to have been heat treated as evidenced by the reddening on one of its faces. It was located in a low sandy area approximately 50 feet (15m) southeast of the southeast corner of the proposed well pad pit and 131 feet (40m) from the existing oil

& gas field road. No other artifacts were found in association with it, but a pinflag probe of the sandy area revealed the presence of 60+cm of deposition leaving open the possibility of buried cultural remains. The isolate was recorded and the forms submitted to the appropriate agencies. Isolated finds are not eligible to the National Register of Historic Places. No further work is necessary.

#### Recommendations

After consulting with Northern Ute Tribal technician Pat Padilla, it was decided to move the access road/utility corridor to the west side of the pad and to move the well pad itself an additional 50 feet to the northwest in order to provide a 100 foot buffer between the pad and the isolated find. The proposed pipeline to be constructed on the north side of the existing oil & gas field road (Barclay 1994) is also located over 100 feet away from the isolated find. The isolated find will thus be adequately protected from impacts during the pipeline and well pad construction. A Ute Indian Tribe Energy and Minerals technician should be present during construction to ensure that the construction impacts are confined to the staked locations on the eastern boundary of the pad. Cultural resource clearance is recommended for the Ute #2-33B6 well pad and access road/utility corridor subject to the stipulation above.

#### References Cited

Barclay, Dulaney

- 1994 Cultural Resource Inventory of ANR Production Company's Proposed Utility Corridor between the Ute #2-33B6 Access and the Ute #2-26B6 Access, on Ute Tribal Land, Duchesne County, Utah. Prepared by Metcalf Archaeological Consultants, Inc., Eagle, CO. Ms on file at the Division of State History, Salt Lake City.



**MAC**

**Metcalf Archaeological Consultants, Inc.**

April 8, 1994

Mr. Joseph J. Adamski  
Coastal Oil and Gas Corporation  
P.O. Box 749  
Denver, CO 80201-0749

Dear Mr. Adamski:

Enclosed please find our cultural resource inventory reports for the proposed well pads, access roads and pipeline locations for the NBU #222 unit (state of Utah land) & the Ute #2-33B6 unit, and the inventory report for the utility corridor between pads Ute #2-26B6 and Ute #2-33B6.

Two isolated finds were discovered during these surveys. A stone cairn was located during the survey of the NBU #222 access road. It is located outside the project boundaries and will not be impacted by construction of the access road. A second isolated find consisting of a mano was found within the corridor for the access road to the Ute #2-33B6 pad and approximately 50 feet from the southeast corner of the well pad pit. The isolate was avoided and protected by moving the access road to the west side of the pad, and moving the well pad approximately 50 feet to the northwest. It is recommended that a technician from the Northern Ute Tribe be present during construction at the Ute #2-33B6 unit. As both resources are isolates, they are not eligible to the National Register of Historic Places. Cultural resource clearance is recommended for both well pads, their associated access roads/utility corridors, and the utility corridor parallel to the existing oil & gas field road provided that a Northern Ute technician is present during construction of the Ute 2-33B6 unit.

If you have questions, please do not hesitate to contact us.

Sincerely,

Michael D. Metcalf  
Principal Investigator

cc: State Historic Preservation Office, Salt Lake City  
Lisa Smith, Permitco  
Betsie Chapoose, Cultural Rights & Protection  
Ferron Secakuku, Energy and Minerals  
Pat Padilla, Energy and Minerals  
Business Council, Ute Tribe  
Dale Hanberg, BIA, Ft. Duchesne  
Norman Cambridge, BIA, Ft. Duchesne  
Amy Huslein, BIA, Phoenix

enclosures



Cultural Resource Inventory on Ute Tribal Land of  
ANR Production Company's Proposed Utility Corridor  
between the Ute #2-33B6 Access and the Ute #2-26B6 Access,  
Duchesne County, Utah

by  
Dulaney Barclay

Michael D. Metcalf  
Principal Investigator

Prepared for  
Coastal Oil and Gas Corporation  
Nine Greenway Plaza, Suite 474  
Houston, TX 77046

Prepared by  
Metcalf Archaeological Consultants, Inc.  
P. O. Box 899  
Eagle, CO 81631

Addition to  
Project Number U-94-mm-143i

April 1994

Cultural Resource Inventory on Ute Tribal Land of  
ANR Production Company's Proposed Utility Corridor  
between the Ute #2-33B6 Access and the Ute #2-26B6 Access  
on Ute Tribal Land, Duchesne County, Utah

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Houston, TX 77046 .

Prepared by  
Metcalf Archaeological Consultants, Inc.  
P. O. Box 899  
Eagle, CO 81631

Addition to  
Project Number U-94-mm-143i

April 1994

## Introduction

Metcalf Archaeological Consultants, Inc. (MAC) Eagle, Colorado was contracted by Coastal Oil & Gas Corporation of Houston, Texas to conduct a cultural resource investigation of a proposed utility corridor between the beginning of the access road/utility corridor to the proposed Ute #2-26B6 well pad and the beginning of the proposed Ute #2-33B6 well pad access/utility corridor. The utility corridor survey was performed for the construction of a powerline and a pipeline parallel to the existing oil & gas field road. The present survey was the continuation of a inventory that began at the existing Ute #1-36B6 well pad and terminates at the beginning of the access road/utility corridor to the Ute #2-33B6. The previous survey covered 2.5 miles of this utility corridor from the existing Ute #1-36B6 well pad to the beginning of the access road/utility corridor for the proposed Ute #2-26B6 well pad. That survey covered a total of thirty acres and has already been reported on (Barclay 1994a). The current inventory covers a corridor approximately 1.4 miles long and 100 feet wide that begins in the NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , NE $\frac{1}{4}$  of section 34, T.2S, R.6W, and ends in the SE $\frac{1}{4}$ , SE $\frac{1}{4}$ , SW $\frac{1}{4}$  of section 33, T.2S, R.6W (Figure 1). A total of seventeen acres was surveyed during the present investigation for this utility corridor. To date, a total of forty-seven acres have been surveyed for the proposed utility corridor.

The staked utility corridor parallels an existing improved oil & gas field road that connects several well pads along the top of Blacktail Mountain. The powerline will criss-cross the existing oil & gas field road in numerous places and have several pole placements along its extent. A pipeline is to be constructed parallel to the existing oil and gas field road approximately 20 feet (6m) from the north side the existing road.

No cultural resources were located during the present inventory for the utility corridor. A isolated find (IF 2-33B6-1) was located during the survey of the proposed access road/utility corridor for the Ute #2-33B6 well pad (Barclay 1994b). It located more than 100 feet (30 meters) north of the proposed centerline of pipeline. It will not be impacted by the pipeline construction.

The project area is located in Duchesne County, Utah, on lands administered by the Northern Ute Indian Tribe, Fort Duchesne, Utah. The present cultural resource inventory was conducted by MAC archaeologist Dulaney Barclay on April 5, 1994 with a Ute Tribe Access Permit (approval date: 4/5/94). Ute Tribe Energy and Minerals technician Pat Padilla was also present during the investigation. No cultural resources were located during the utility corridor survey. All field notes and maps are on file at the MAC office in Eagle, Colorado.

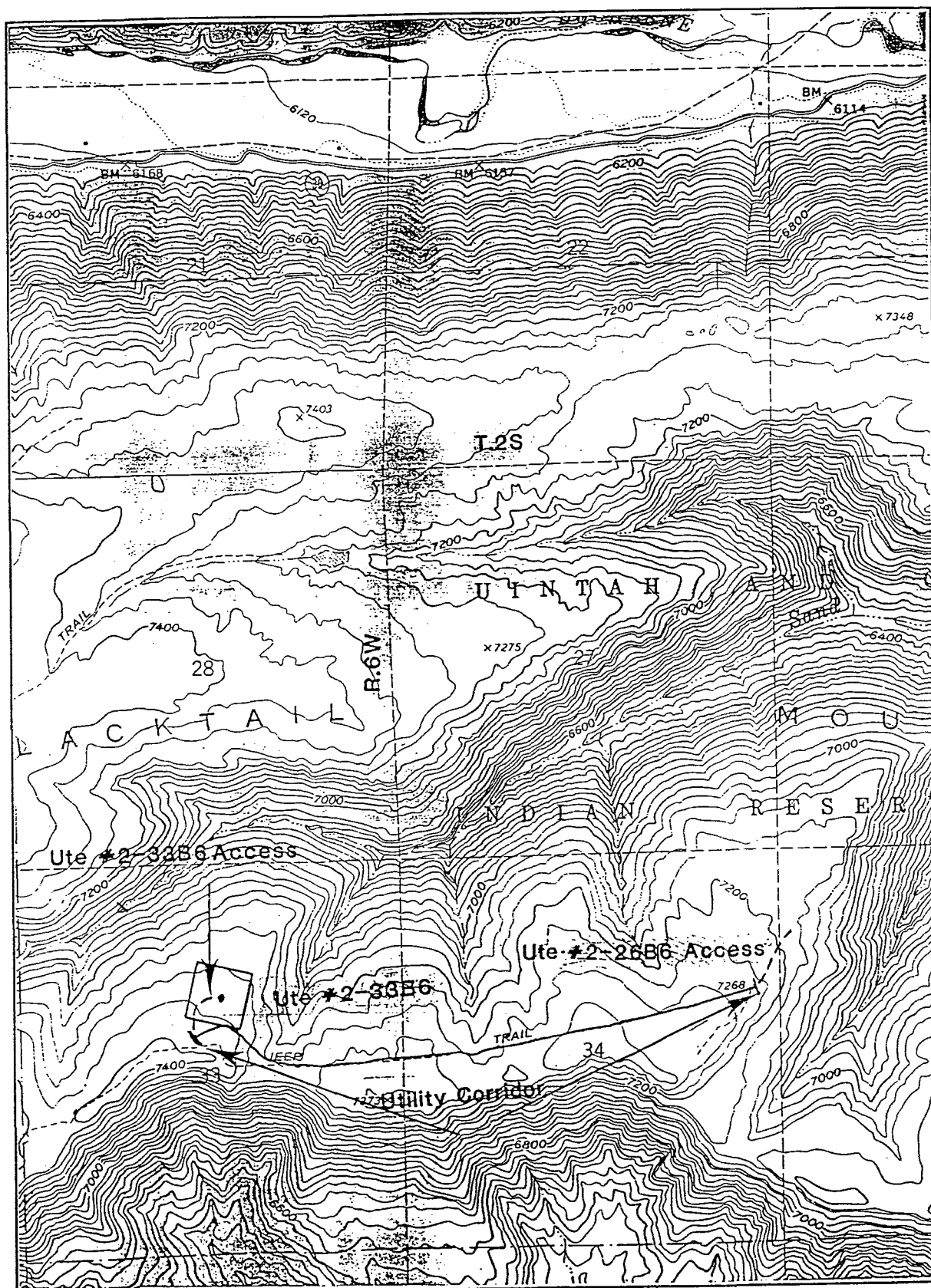


Figure 1 Project Location Map, Blacktail Mountain 7.5' Quad.

### Files Search

A file search was requested through the Division of State History in Salt Lake City on April 1, 1994. This search reported surveys and previously recorded sites in the general area of the project. However, none of these previous investigations or sites included portions of the current study area.

### Environment

The study area is located within a east-west trending ridge system near the southern margin of the Uinta Mountains. More specifically, it is located in the Altimont-Bluebell oil and gas field on top of Blacktail Mountain two miles south of the Duchesne River. Sand Wash is located approximately one mile to the north/northeast, and numerous steep sided draws drain the north and south sides of Blacktail Mountain.

Soil for the area is a tan fine to medium-grained sand of either a residual or aeolian origin. Sandstone caps the ridgetop with deeper bedrock units exposed in the dry draws on the north and south sides of Blacktail Mountain.

Vegetation cover is about twenty to thirty percent with a spotty mantle of forest debris that allows good to fair surface visibility. The vegetation can be characterized as being in an Upper Sonoran zone dominated by a piñon-juniper woodland. Prevalent plants include thick piñon and juniper trees with an understory of sparse shrubs, mixed grasses and forbs. Other identified plants were sagebrush, mountain mahogany, Mormon tea, and prickly pear cactus.

### Field Methods

Because of the numerous pole placements along both sides of the road and the fact that the existing road had not been surveyed in the past, a corridor was surveyed 15m (50') wide on each side of the existing oil & gas field road. The utility corridor was examined using one zig-zag pedestrian transect on either side of the existing road. Each transect covered 15m (50 feet) resulting in a total corridor width of 30m (100 feet) being surveyed. Thus seventeen acres were inspected for the utility corridor during the current investigation.

### Results

No cultural resources were located during the survey of the utility corridor between the beginning of the proposed Ute #2-26B6 well pad utility/access corridor and the beginning of the proposed Ute #2-33B6 well pad access road/utility corridor. An isolated

find (IF 2-33B6-1) consisting of a bifacially pecked and ground mano was found during the survey for the proposed Ute #2-33B6 access road/utility corridor that branched off the existing oil & gas field road and the proposed utility corridor (see Barclay 1994b). This isolated find is located approximately 40 meters (131 feet) from the north side of the existing oil & gas field road and 33 meters (110 feet) from the proposed pipeline centerline. It will not be impacted by the pipeline construction. No further work is necessary.

#### Recommendations

Cultural resource clearance is recommended for the utility corridor between the beginning of the Ute #2-26B6 well pad access road/utility corridor and the beginning of the utility/access corridor for the proposed Ute #2-33B6 well pad as presently staked.

#### References Cited

Barclay, Dulaney

1994a ANR Production Company's Utility Corridor between the Ute #1-36B6 Well Location and the Ute #2-26B6 Access, Duchesne County, Utah, Cultural Resource Inventory on Ute Tribal Land. Prepared by Metcalf Archaeological Consultants, Inc., Eagle, CO. Ms. on file at the Division of State History, Salt Lake City.

1994b ANR Production Company's Proposed Ute #2-33B6 Well Pad, Access Road, and Pipeline Cultural Resource Inventory on Ute Tribal Land, Duchesne County, Utah. Prepared by Metcalf Archaeological Consultants, Inc., Eagle, CO. Ms on file at the Division of State History, Salt Lake City.

**A Wastewater Permit Application will be filed with the Uintah Basin District Health Department in Vernal once the drilling contractor has been determined.**



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/20/94

API NO. ASSIGNED: 43-013-31445

WELL NAME: UTE 2-33B6

OPERATOR: ANR PRODUCTION COMPANY (N0675)

PROPOSED LOCATION:

SWNE 33 - T02S - R06W  
SURFACE: 1796-FNL-2541-FEL  
BOTTOM: 1796-FNL-2541-FEL  
DUCHESNE COUNTY  
ALTAMONT FIELD (055)

LEASE TYPE: IND

LEASE NUMBER: 14-20-H62-2493

PROPOSED PRODUCING FORMATION: WSTC

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

Y Plat  
Y Bond: Federal [Y State[] Fee[]  
(Number 962213)  
N Potash (Y/N)  
N Oil shale (Y/N)  
Y Water permit  
(Number # 1230)  
N RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit: \_\_\_\_\_  
\_\_\_ R649-3-2. General.  
\_\_\_ R649-3-3. Exception.  
Y Drilling Unit.  
Board Cause no: 139-42  
Date: 4/12/85

COMMENTS: \_\_\_\_\_

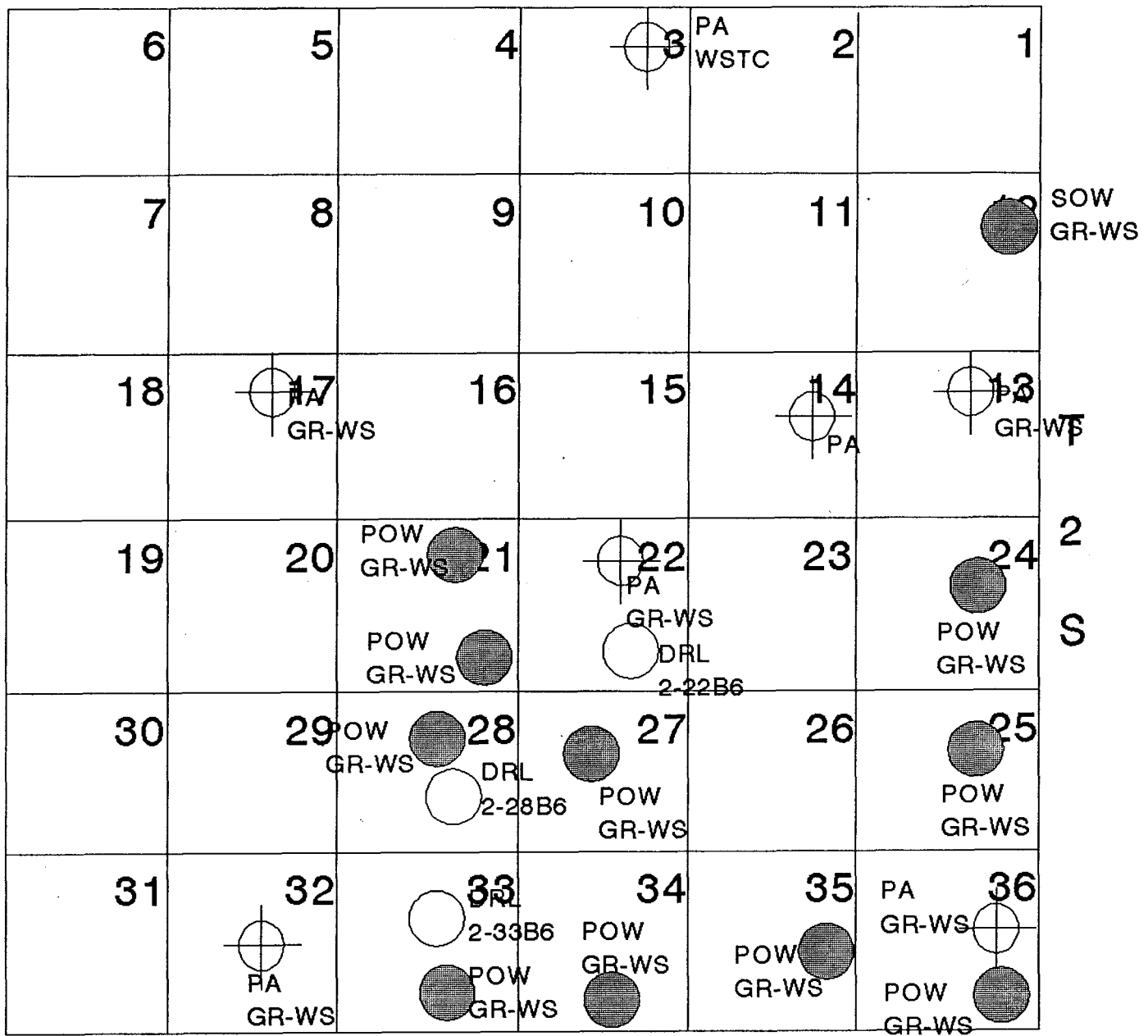
CONFIDENTIAL

PERIOD

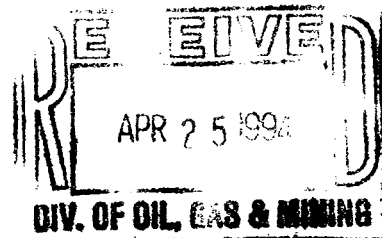
EXPIRED

ON 3-20-96

STIPULATIONS: \_\_\_\_\_



R 6 W



April 22, 1994

Utah Division of Oil, Gas & Mining  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203  
Attn: Debra Eatchel

Re: Coastal Oil & Gas Corp. &  
ANR Production Company  
Proposed Drillsites located in  
Uintah & Duchesne Counties, Utah

Dear Debra,

As per your telephone conversation with Joe Adamski, please be advised that Coastal/ANR requests that the following wells be held in a Confidential - Tight Hole Status. Your cooperation would be appreciated. The wells are as follows:

1. CIGE #180-16-9-21, SE SW Sec. 16, T9S - R21E, Uintah Co., Utah
2. CIGE #182-7-10-21, SE SE Sec. 7, T10S - R21E, Uintah Co., Utah
3. COG #6-18-9-21 GR, SE NW Sec. 18, T9S - R21E, Uintah Co., Utah
4. COG #8-19-9-21 GR, NE NE Sec. 19, T9S - R21E, Uintah Co., Utah
5. COG #10-30-9-21 GR, SW NE Sec. 30, T9S - R21E, Uintah Co., Utah
6. COG #11-22-9-20 GR, SE NE Sec. 22, T9S - R20E, Uintah Co., Utah
7. NBU #214, NW SW Sec. 27, T9S - R21E, Uintah Co., Utah
8. NBU #215, NW NW Sec. 12, T10S - R21E, Uintah Co., Utah
9. NBU #217, NE SW Sec. 28, T9S - R21E, Uintah Co., Utah
10. Ute #1-27B6, NW/4 Sec. 27, T2S - R6W, Duchesne Co., Utah
11. Ute #1-28B6, NE/4 Sec. 28, T2S - R6W, Duchesne Co., Utah
12. Ute #2-28B6, SE/4 Sec. 28, T2S - R6W, Duchesne Co., Utah
13. Ute #2-21B6, NE/4 Sec. 21, T2S - R6W, Duchesne Co., Utah
14. Ute #2-22B6, SE/4 Sec. 22, T2S - R6W, Duchesne Co., Utah
15. Ute #2-33B6, NE/4 Sec. 33, T2S - R6W, Duchesne Co., Utah

Permitco Incorporated  
A Petroleum Permitting Company

April 22, 1994  
Utah Division of Oil, Gas & Mining  
Page 2

If you should have any questions, please contact Joe Adamski at 303/573-4476.

Sincerely,

PERMITCO INC.



Lisa L. Smith

Consultant for:

Coastal Oil & Gas Corp.

ANR Production Co.

cc: Joe Adamski



Permitco

Permitco Incorporated  
A Petroleum Permitting Company

UNITED STATES  
DEPARTMENT OF THE INTERIOR (Revised 4/21/94)  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>#14-20-H62-2493</b>																										
1b. TYPE OF WELL <b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input checked="" type="checkbox"/> <b>WELL</b> <input type="checkbox"/> <b>WELL</b> <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Ute Tribe</b>																										
2. NAME OF OPERATOR <b>ANR Production Company</b>		7. UNIT AGREEMENT NAME <b>N/A</b>																										
3. ADDRESS OF OPERATOR <b>PERMITCO INC. - Agent</b>		8. FARM OR LEASE NAME <b>Ute</b>																										
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface <b>1796' FNL and 2541' FEL</b> At proposed Prod. Zone <b>SW NE Sec. 33, T2S - R6W</b>		9. WELL NO. <b>#2-33 B6</b>																										
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>22 miles northwest of Duchesne, Utah</b>		10. FIELD AND POOL OR WILDCAT <b>Altamont</b>																										
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>1796'</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 33, T2S - R6W</b>																										
16. NO. OF ACRES IN LEASE <b>640</b>		12. COUNTY OR PARISH <b>Duchesne</b>																										
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>320 (2 wells/section)</b>		13. STATE <b>Utah</b>																										
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>None</b>		19. PROPOSED DEPTH <b>13900'</b>																										
20. ROTARY OR CABLE TOOLS <b>Rotary</b>		21. APPROX. DATE WORK WILL START* <b>Upon approval</b>																										
22. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>7352' GR</b>																												
23. PROPOSED CASING AND CEMENTING PROGRAM																												
<table border="1"><thead><tr><th>SIZE OF HOLE</th><th>SIZE OF CASING</th><th>WEIGHT/FOOT</th><th>SETTING DEPTH</th><th>QUANTITY OF CEMENT</th></tr></thead><tbody><tr><td>17-1/2"</td><td>13-3/8" K-55</td><td>54.5# LT&amp;C</td><td>0-200'</td><td>280 sx Type "V" AG</td></tr><tr><td>12-1/4"</td><td>9-5/8" S-95</td><td>40.0# BT&amp;C</td><td>0-7400'</td><td>4690 CF Premium Plus</td></tr><tr><td>8-3/4"</td><td>7" S-95</td><td>26.0# LT&amp;C</td><td>7200-10,700'</td><td>2103 CF Premium Plus &amp; 50/50</td></tr><tr><td>8-3/4"</td><td>5-1/2" S-95</td><td>23.0# LT &amp; C</td><td>10700'-13900'</td><td>(See Attached)</td></tr></tbody></table>				SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT	17-1/2"	13-3/8" K-55	54.5# LT&C	0-200'	280 sx Type "V" AG	12-1/4"	9-5/8" S-95	40.0# BT&C	0-7400'	4690 CF Premium Plus	8-3/4"	7" S-95	26.0# LT&C	7200-10,700'	2103 CF Premium Plus & 50/50	8-3/4"	5-1/2" S-95	23.0# LT & C	10700'-13900'	(See Attached)
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT																								
17-1/2"	13-3/8" K-55	54.5# LT&C	0-200'	280 sx Type "V" AG																								
12-1/4"	9-5/8" S-95	40.0# BT&C	0-7400'	4690 CF Premium Plus																								
8-3/4"	7" S-95	26.0# LT&C	7200-10,700'	2103 CF Premium Plus & 50/50																								
8-3/4"	5-1/2" S-95	23.0# LT & C	10700'-13900'	(See Attached)																								

ANR Production Company proposes to drill a well to a proposed T.D. of 13900' (Maximum 14,100') to test the Wasatch formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM, BIA, & State of Utah requirements.

See Onshore Order No. 1 attached.

CONFIDENTIAL - TIGHT HOLE

Please be advised that ANR Production Company is considered to be the Operator of the above mentioned well. ANR agrees to be responsible under the terms of the lease for the operations conducted upon the leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by ANR Production Company under their Nationwide Bond #962213.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *Don L. Smith* Consultant for: ANR Production Co. DATE 04/18/94  
(This space for Federal or State office use)

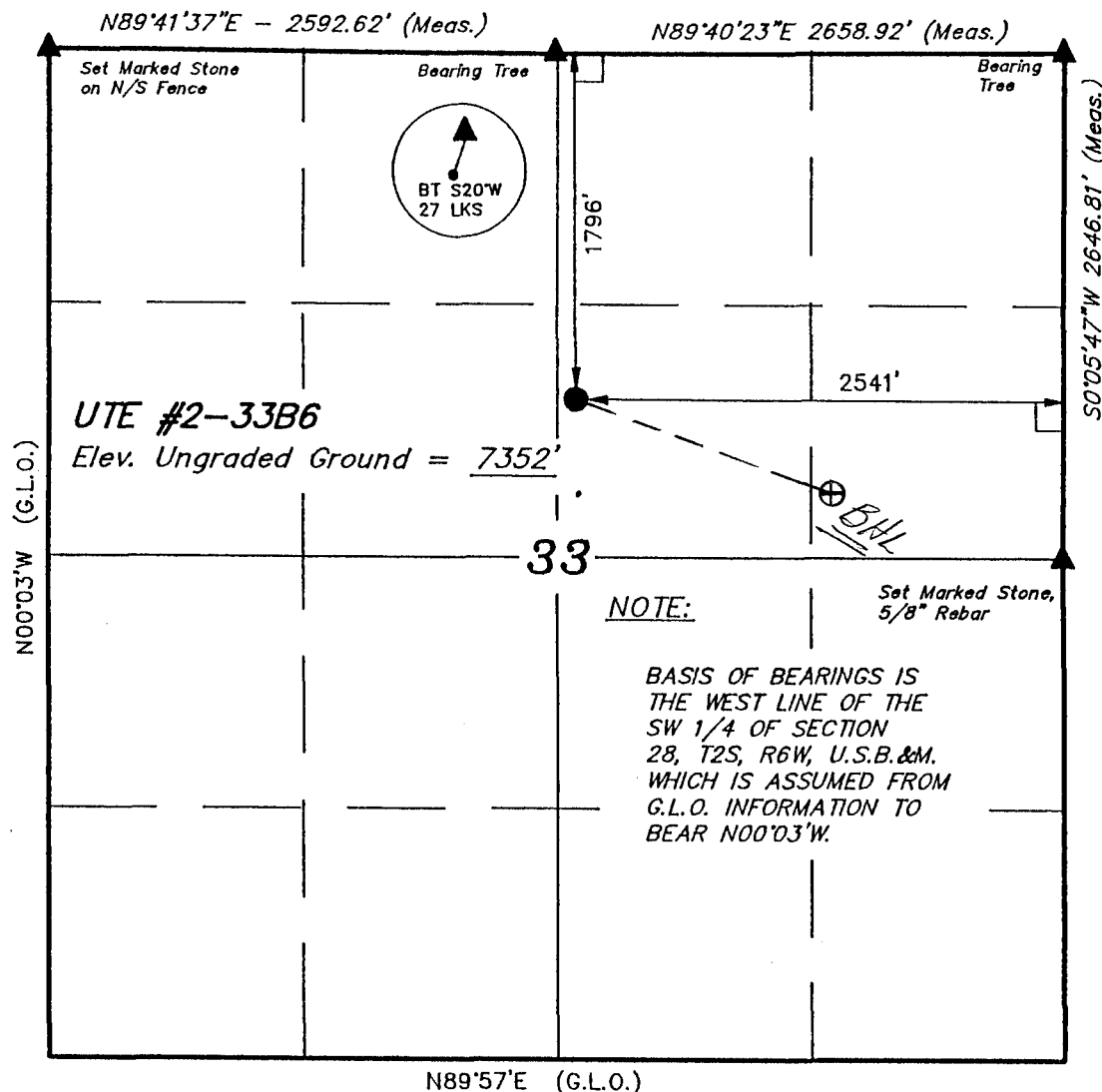
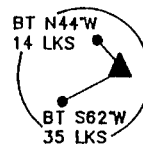
PERMIT NO. 43-013-31445 APPROVAL DATE 6-2-94  
APPROVED BY *Don L. Smith* TITLE ANR Production Co.  
CONDITIONS OF APPROVAL, IF ANY:

cc: Utah Division of Oil, Gas & Mining

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T2S, R6W, U.S.B.&M.



LEGEND:

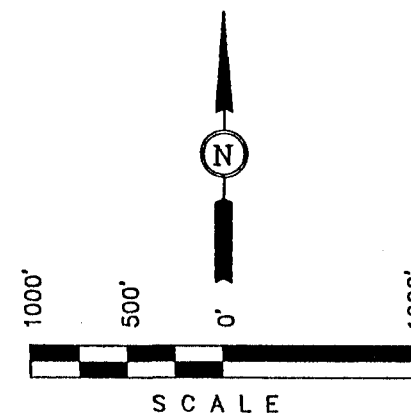
- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

ANR PRODUCTION CO.

Well location, UTE #2-33B6, located as shown in the SW 1/4 NE 1/4 of Section 33, T2N, R6W, U.S.B.&M. Duchesne County, Utah

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 29, T2S, R6W, U.S.B.&M. TAKEN FROM THE BLACKTAIL MTN. QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7613 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 5709  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 4-5-94	DATE DRAWN: 4-8-94
PARTY L.D.T. G.O. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE ANR PRODUCTION CO.	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1796' FNL & 2541' FEL

SW NE Section 33-T2S-R6W

5. Lease Designation and Serial No.

14-20-H62-2493

6. If Indian, Allottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #2-33B6

9. API Well No.

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

1. Self-certification statement. Under the Federal regulations in effect as of June 15, 1988, designation of operator forms are no longer required when the operator is not the 100% record title holder. An operator is now required to submit a self-certification statement to the appropriate Bureau office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

"Please be advised that ANR Production Company is considered to be the operator of Well No. Ute #2-33B6; SW1/4 NE1/4 Section 33, Township 2S, Range 6W; Lease 14-20-H62-2493; Duchesne County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by U795416."

Previous operator was RAMCO-NYL 1987 Limited Partnership c/o RAMCO Oil & Gas, Inc., 6120 S. Yale, Suite 1700, Tulsa, Oklahoma 74136.

14. I hereby certify that the foregoing is true and correct

Signed

Joe Adamski

Title Environmental Coordinator

Date 04/01/94

(This space for Federal or State office use)

APPROVED BY

Title

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

*Lisha*  
OGMA

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

14-20-H62-2493

6. If Indian, Alottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #2-33B6

9. API Well No.

43-013-31445

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1796' FNL & 2541' FEL

SW NE Section 33-T2S-R6W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

VERNAL DIST.  
ENG. 277  
GEOL. \_\_\_\_\_  
E.S. \_\_\_\_\_  
PET. \_\_\_\_\_  
A.M. \_\_\_\_\_

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

1. Self-certification statement. Under the Federal regulations in effect as of June 15, 1988, designation of operator forms are no longer required when the operator is not the 100% record title holder. An operator is now required to submit a self-certification statement to the appropriate Bureau office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

"Please be advised that ANR Production Company is considered to be the operator of Well No. Ute #2-33B6; SW1/4 NE1/4 Section 33, Township 2S, Range 6W; Lease 14-20-H62-2493; Duchesne County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by U795416."

Previous operator was RAMCO-NYL 1987 Limited Partnership c/o RAMCO Oil & Gas, Inc., 6120 S. Yale, Suite 1700, Tulsa, Oklahoma 74136.

RECEIVED

MAY 13 1994

14. I hereby certify that the foregoing is true and correct

Signed

*Joe Adamski*  
Joe Adamski

Title Environmental Coordinator

Date

04/01/94

(This space for Federal or State office use)

APPROVED BY

Conditions of approval, if any:

*Assistant District Manager Minerals*  
ASSISTANT DISTRICT  
MANAGER MINERALS

Title

Date

JUN 02 1994

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

June 2, 1994

ANR Production Company  
600-17th Street, Suite 800 S  
Denver, Colorado 80201-0749

Re: Ute #2-33B6 Well, 1796' FNL, 2541' FEL, SW NE, Sec. 33, T. 2 S., R. 6 W.,  
Duchesne County, Utah

Gentlemen:

Pursuant to the order issued by the Board of Oil, Gas and Mining in Cause No. 139-42 dated April 12, 1985, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

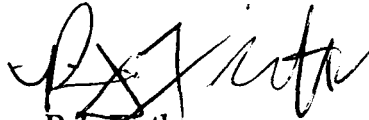
1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
2. Notification to the Division within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.
6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.



Page 2  
ANR Production Company  
Ute #2-33B6 Well  
June 2, 1994

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31445.

Sincerely,

A handwritten signature in black ink, appearing to read "R.J. Firth", written over a faint, larger signature.

R.J. Firth  
Associate Director

ldc  
Enclosures  
cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office  
WOI1

UNITED STATES  
DEPARTMENT OF THE INTERIOR (Revised 4/21/94)  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>	7. UNIT AGREEMENT NAME <b>N/A</b>																										
1b. TYPE OF WELL <b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input type="checkbox"/> <b>SINGLE</b> <input type="checkbox"/> <b>MULTIPLE</b> <input type="checkbox"/> <b>WELL</b> <input type="checkbox"/> <b>WELL</b> <input checked="" type="checkbox"/> <b>ZONE</b> <input checked="" type="checkbox"/> <b>ZONE</b> <input type="checkbox"/>	8. FARM OR LEASE NAME <b>Ute</b>																										
2. NAME OF OPERATOR <b>ANR Production Company</b>	9. WELL NO. <b>#2-33 B6</b>																										
3. ADDRESS OF OPERATOR <b>303/573-4476 600-17th Street, Suite 800 S</b> <b>303/452-8888 13585 Jackson Drive</b> <b>PERMITCO INC. - Agent Denver, CO 80241</b>	10. FIELD AND POOL OR WILDCAT <b>Altamont</b>																										
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* <b>At Surface 1796' FNL and 2541' FEL</b> <b>At proposed Prod. Zone SW NE Sec. 33, T2S - R6W</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 33, T2S - R6W</b>																										
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>22 miles northwest of Duchesne, Utah</b>	12. COUNTY OR PARISH <b>Duchesne</b>	13. STATE <b>Utah</b>																									
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>1796'</b>	16. NO. OF ACRES IN LEASE <b>640</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>320 (2 wells/section)</b>																									
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>None</b>	19. PROPOSED DEPTH <b>13900'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>																									
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>7352' GR</b>	22. APPROX. DATE WORK WILL START* <b>Upon approval</b>																										
23. PROPOSED CASING AND CEMENTING PROGRAM																											
<table border="1"><thead><tr><th>SIZE OF HOLE</th><th>SIZE OF CASING</th><th>WEIGHT/FOOT</th><th>SETTING DEPTH</th><th>QUANTITY OF CEMENT</th></tr></thead><tbody><tr><td>17-1/2"</td><td>13-3/8" K-55</td><td>54.5# LT&amp;C</td><td>0-200'</td><td>280 sx Type "V" AG</td></tr><tr><td>12-1/4"</td><td>9-5/8" S-95</td><td>40.0# BT&amp;C</td><td>0-7400'</td><td>4690 CF Premium Plus</td></tr><tr><td>8-3/4"</td><td>7" S-95</td><td>26.0# LT&amp;C</td><td>7200-10,700'</td><td>2103 CF Premium Plus &amp; 50/50</td></tr><tr><td>8-3/4"</td><td>5-1/2" S-95</td><td>23.0# LT &amp; C</td><td>10700'-13900'</td><td>(See Attached)</td></tr></tbody></table>			SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT	17-1/2"	13-3/8" K-55	54.5# LT&C	0-200'	280 sx Type "V" AG	12-1/4"	9-5/8" S-95	40.0# BT&C	0-7400'	4690 CF Premium Plus	8-3/4"	7" S-95	26.0# LT&C	7200-10,700'	2103 CF Premium Plus & 50/50	8-3/4"	5-1/2" S-95	23.0# LT & C	10700'-13900'	(See Attached)
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ANR Production Company proposes to drill a well to a proposed T.D. of 13900' (Maximum 14,100') to test the Wasatch formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM, BIA, & State of Utah requirements.

CONFIDENTIAL - TIGHT HOLE

See Onshore Order No. 1 attached.

Please be advised that ANR Production Company is considered to be the Operator of the above mentioned well. ANR agrees to be responsible under the terms of the lease for the operations conducted upon the leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by ANR Production Company under their Nationwide Bond #962213.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] Consultant for: ANR Production Co. DATE 04/18/94

(This space for Federal or State office use)

PERMIT NO. 43-012-821445 APPROVAL DATE JUN 02 1994  
APPROVED BY [Signature] TITLE ASSISTANT DISTRICT  
CONDITIONS OF APPROVAL, IF ANY: MANAGER MINERALS

cc: Utah Division of Oil, Gas & Mining

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

## memorandum

DATE:

REPLY TO  
ATTN OF:

Attn: Superintendent, Uintah &amp; Ouray Agency

RECEIVED

MAY 20 1994

SUBJECT: Concurrence Letter for ANR Production Company  
UTE 2-33B6 SWNE, Section 33, T2S, R6WTO: Bureau of Land Management, Vernal District Office  
Attention: Sally Gardner

We recommend approval of the Application for Permit to Drill on the subject well.

Based on available information received on 4-11-94, we cleared the proposed location in the following areas of environmental impact.

YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Listed threatened or endangered species
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Critical wildlife habitat
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Archaeological or cultural resources
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Air quality aspects (to be used only if project is in or adjacent to a Class I area of attainment.
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Other (if necessary)

## COMMENTS:

The Energy and Minerals Department is recommending the following criteria to be adhered during all phases of construction activities. (Inventory Date: April 4, 1994.) Along the initial flagged access route an isolated mano was located. The mano could be described as a coarse, grained sandstone, reddish in color, possibly cause by heat. Mitigation measure taken: Note: Recommendation that the well pad be moved 50 feet northwest so that the southeast edge of the pad will not disturb the isolated find. Construction should be kept within the staked limits, especially on the southeast edge of the intended well pad, to avoid any impact to the find. It is also recommended that a Tribal Technician be present to monitor construction activity. The monitor would ensure that construction be restricted to limits of staked area of the southeast corner of the intended pad and to any cultural materials found during the construction phase. 1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the areas examined, as referenced in report, and to the existing roadways and/or evaluated access routes. 2. All recommendations of the Bureau of Indian Affairs combined site specific Environmental Analysis report shall be strictly adhered, during and after construction. 3. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area. 4. The personnel from the Ute Tribe Energy & Minerals Department should be consulted should cultural remains from subsurface deposits be exposed during construction work.

Charles H. Cameron

\*See attached Bureau of Indian Affairs, Environmental Analysis dated 4-20-94

**MINERAL ACCESS AGREEMENT OF INDIAN OWNED LANDS**

The purpose of this agreement is to regulate the surface development of Indian Lands which have been leased for oil and gas development. An approved agreement must be obtained prior to the commencement of any surface disturbing activity and will be in effect for the term of the lease and the agreed upon contractual provisions referenced therein, if not revoked under the terms in Item 4 of this agreement.

1. The authorized officer for the Bureau of Indian Affairs in conjunction with the Indian Surface owner and Tribe hereby grants permission to:

ANR Production Company  
P.O. Box 749  
Denver, CO 80201-0749

To improve and/or construct and maintain a development corridor which may contain and access road, pipelines, powerlines, communication lines and wellpads on the following trust land (reference lease number and legal description):

Lease No. 14-20-H62-2493

Beginning in the S/2 N/2 of Section 33 through the N/2 S/2 of Section 33 and continuing into the S/2 N/2 of Section 34, T2S - R6W, U.S.B. & M.

2. In consideration of the approval of this agreement, the above company agrees to adhere to all lease provisions, A.P.D. stipulations and regulations of the Secretary of the Interior now or hereafter in force relative to such leases.
3. The Company herewith submits an estimated surface damage fee in the amount of \$0.00, for 16.322 acres. Pending Agency appraisal and the Affidavit of Completion.
4. This agreement will remain in effect unless revoked upon thirty (30) days written notice by the Superintendent or the appropriate official, depending upon circumstances.

5. The permittee will submit a certified survey map of the proposed access road and/or wellpad with this permit. The map must adhere to all specifications and requirements of the Branch of Minerals and Mining, Uintah and Ouray Agency, Bureau of Indian Affairs. Upon completion of construction, an Affidavit of Completion will be submitted by the company to certify that the construction completed was in accordance to the specifications certified to on the survey map accompanying this agreement.
6. The Company agrees to furnish a bond in the amount of \$150,000 and to utilize said company's existing Nationwide Oil and Gas Bond No. U-768806 to guarantee performance of this permit.
7. The Company agrees to contact immediately the Bureau of Indian Affairs (BIA) and the Bureau of Land Management (BLM), if cultural resources are discovered during construction or anytime during the course of daily operations.
8. ADDITIONAL STIPULATIONS

Signed on this 16 day of May, 1994.

WITNESS:

[Signature]  
[Signature]

[Signature]  
Randy L. Bartley, Authorized Agent  
ANR Production Company  
P.O. Box 749  
Denver, CO 80201-0794

APPROVED:

Charles H. Cameron  
acting Superintendent

5/20/94  
Date

**COMBINED  
SITE SPECIFIC  
ENVIRONMENTAL ANALYSIS**

**1.0 PROPOSED ACTION**

ANR Production Company is proposing to drill a oil well.

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**2.0 ALTERNATIVE ACTIONS**

- A. ALTERNATIVE CONSIDERED: The proposed action is the preferred alternative.
- B. NO ACTION: Under the no action alternative the proposed action would not be implemented.
- C. OTHER: NA

**3.0 PERMITTEE/LOCATION**

- A. Permittee ANR Production
- B. Date 04-11-94
- C. Well number Ute 2-33B6
- D. Right-of-way \_\_\_\_\_
- E. Site location SWNE Section 33 T 2N R 6W Meridian USB&M

**4.0 SITE SPECIFIC SURVEY**

**A. SITE DESCRIPTION**

1. Elevation (feet) 7613
2. Annual precipitation (inches) 4-10 Inches
3. Topography Mountain
4. Soil texture (0 to 6") Sand
5. Estimated infiltration rate:  
Slow \_\_\_\_\_ Moderate x High \_\_\_\_\_

**B. VEGETATION**

1. Habitat Type:  
       Semi-desert shrub             Upland Pinion/Juniper  
       Upland shrub        x   Mountain      Other:

4. Observed Threatened & Endangered species: None
5. Potential For Threatened & Endangered species: x Slight \_\_\_\_\_ Moderate \_\_\_\_\_ High \_\_\_\_\_

6. If moderate or high describe: NA
7. Observed Noxious Weeds: 1) None 2) \_\_\_\_\_ 3) \_\_\_\_\_ 4) \_\_\_\_\_

### C. AFFECTED ENVIRONMENTAL

Initial survey:

1. Surface damages as a result of the initial survey: \_\_\_\_\_ yes x no
2. If answer to (1) is yes describe: NA

### 4.1 WILDLIFE

#### A. POTENTIAL SITE UTILIZATION

- |                   |                      |                           |
|-------------------|----------------------|---------------------------|
| 1. Big Game       | 2. Small Game        | 3. Raptor/Bird            |
| <u>x</u> Deer     | <u>x</u> Rabbit      | <u>x</u> Bald eagle       |
| <u>x</u> Elk      | _____ Pheasant       | <u>x</u> Golden eagle     |
| _____ Moose       | <u>x</u> Dove        | <u>x</u> Ferruginous hawk |
| _____ Bear        | _____ Sage grouse    | _____ Swanson hawk        |
| <u>x</u> Antelope | _____ Ruffed grouse  | <u>x</u> Redtail hawk     |
| _____             | _____ Blue grouse    | _____ Perigrine falcon    |
| _____             | _____ Chuckar        | _____ Prairie falcon      |
|                   | _____ partridge      | <u>x</u> Songbird         |
| 4. Other          | 5. Non-Game Wildlife |                           |
| _____ Horses      | <u>x</u> Reptile     |                           |
| <u>x</u> Cattle   | _____ Prairie dog    |                           |
| _____ Sheep       | <u>x</u> Rodent      |                           |
| _____             | <u>x</u> Coyote      |                           |
| _____             | <u>x</u> Fox         |                           |

#### 6. Threatened & Endangered Species

##### a. Observed Threatened & Endangered species:

1) \_\_\_\_\_ 2) \_\_\_\_\_ 3) \_\_\_\_\_

##### b. Potential for Threatened & Endangered species:

x Slight \_\_\_\_\_ Moderate \_\_\_\_\_ High

##### c. If moderate or high, describe: NA

#### 4.2 PRESENT SITE USE

##### A. USAGE

<input checked="" type="checkbox"/> Rangeland	Acres _____	Irrigable land
<input checked="" type="checkbox"/> Woodland	Acres <u>4.5</u>	Non-Irrigable land
_____ Commercial	_____	Floodplain
_____ timber	_____	Wetland
_____ Riparian	Other: _____	NA

#### 4.3 CULTURAL RESOURCES

##### A. CULTURAL SURVEY

The well site x, access road x, and pipeline right-of-way x have been cleared by a qualified archaeologist/paleontologist. Name & Organization: \_\_\_\_\_  
Metcalf Archaeological Consultants, Inc.

#### 5.0 ENVIRONMENTAL IMPACTS

##### A. SURFACE ALTERATIONS

1. Access road 1.5 acres
2. Well site 3 acres
3. Right-of-way \_\_\_\_\_ acres (60' wide access road to cover powerline, pipeline
4. Total disturbed 4.5 acres & road)

##### B. VEGETATION/LANDSCAPE

1. Production loss (AUM's): \_\_\_\_\_ year
2. Permanent scar on landscape: \_\_\_\_\_ Yes x No
3. Potential impacts to Threatened & Endangered species:  
\_\_\_\_\_ Yes x No

##### C. SOIL/RANGE/WATERSHED

- |   |              |             |
|---|--------------|-------------|
| 1. Increased soil erosion, Wind             | <u>x</u> Yes | _____ No    |
| 2. Increased soil erosion, Water            | <u>x</u> Yes | _____ No    |
| 4. Increased salt loading potential         | <u>x</u> Yes | _____ No    |
| 5. Reduced rangeland                        | <u>x</u> Yes | _____ No    |
| 6. Reduced irrigated cropland               | _____ Yes    | <u>x</u> No |
| 7. Increased run-off in watershed           | <u>x</u> Yes | _____ No    |
| 8. Potential point source water pollution   | <u>x</u> Yes | _____ No    |
| 9. If answer to (8) is <u>Yes</u> Describe: | _____        |             |

#### D. WILDLIFE/THREATENED & ENDANGERED SPECIES

1. Decreased wildlife habitat/grazing x Yes \_\_\_ No
2. Potential increase in wildlife disturbance and poaching x Yes \_\_\_ No
3. Potential impacts to Threatened Endangered species: \_\_\_ Yes x No
4. Potential threat to critical wild life habitat \_\_\_ Yes x No
  - a. If answer to (4) is yes, describe:

#### 6.0 MITIGATION STIPULATIONS

##### A. VEGETATION/LANDSCAPE

1. Before the site is abandoned the company will be required to restore the well pad, access roads, and pipeline rights-of-way to near their original state. The disturbed area will be reseeded with desirable perennial vegetation.
2. Noxious weeds will be controlled on all well sites and rights-of-way. If noxious weeds spread from the well sites or rights-of-way onto adjoining land, the company will also be responsible for their control.
3. After the pipeline has been constructed and the right-of-way re-seeded, vehicular travel over the right-of-way will be limited to that which is absolutely necessary for the maintenance of the pipeline.
4. Surface pipelines will be constructed by using the following procedures:
  - A) Staging areas will be set up along roads or wellsites. The pipeline will be welded in place at the staging area.
  - B) As the pipeline is welded it will be pulled to the next staging area by a suitable piece of equipment. Except for unusual conditions only on trip across the right-of-way with equipment is all that will be required.
5. Paleontology - To protect paleontology resources, surface pipeline construction will not occur when the soil is muddy. It will occur when the soil is either frozen, or dry. Rip rap on wash to prevent wash from eroding NE corner of pad.

6. Cultural Resources:

- A) All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors, and to the existing roadways and access roads.
- B) All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
- C) The Ute Tribal Cultural Rights & Protection Office, the Ute Tribal Energy & Minerals Office or the Bureau of Indian Affairs should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

B. SOILS/RANGE/WATERSHEDS

1. Soil erosion will be mitigated by reseeding all disturbed areas and by installing the following practices:

- a. Diversion ditches ☒ Yes ☐ No ☐ feet
- c. Desilting ponds ☐ Yes ☒ No ☐ number
- d. Drop structure ☐ Yes ☒ No ☐ number
- e. Gully plugs ☐ Yes ☒ No ☐ number
- f. Low water crossing ☐ Yes ☒ No ☐ number
- g. Culverts ☐ Yes ☒ No ☐ number
- h. Water bars ☐ Yes ☒ No ☐ number
- i. Fencing ☐ Yes ☒ No ☐ rods
- j. Cattleguards ☐ Yes ☒ No ☐ number
- k. Other, describe: Diversion Ditch - on south side of location drainage  
changed to go around location to the west.

2. Salt and pollution loading of the soil and geological formations will be mitigated by requiring the oil company to:

- a. Line reserve pits with impervious synthetic liners ☒ yes ☐ no
- b. Use a closed drilling system ☐ yes ☒ no  
1. Reason(s):
- c. Use a closed production system ☒ yes ☐ no  
1. Reason(s):

- d. Use an unlined emergency pit ☒ yes ☐ no  
1. Use a synthetic liner ☒ yes ☐ no  
2. Use a man made container ☒ yes ☐ no  
3. Reason(s): \_\_\_\_\_

e. Production water, oil, and other by-products will not be applied to roads or well pads for the control of dust or weeds. Indiscriminate dumping of oil field by-products on tribal lands will not be allowed.

3. When the well is plugged and/or abandoned the gravel and road base hauled in to construct the well pad and access roads will be:

- a. Hauled off ☐ yes ☒ no  
b. Incorporated into the soil ☒ yes ☐ no

#### C. WILDLIFE/VEGETATION/THREATENED & ENDANGERED SPECIES

1. Upon Identification of Threatened & Endangered species, the following measures will be applied: NA
2. Modifications to surface use will be implemented to protect the specific wildlife species encountered.
3. Drilling will take place on months other than March, April, May & June.

#### D. CULTURAL RESOURCES

All well sites, access roads, and pipeline rights-of-way will be cleared by a qualified archaeologist/paleontologist so that cultural sites will be avoided or salvaged.

### 7.0 UNAVOIDABLE ADVERSE IMPACTS

#### A. SURFACE ALTERATIONS

None of the adverse impacts listed in 5.0 above can be avoided in a practical manner except those which are mitigated in item 6.0 above and those specified in BLM's 13 point surface use plan.

#### B. RELATIONSHIP BETWEEN SHORT-TERM USE OF THE ENVIRONMENT VS LONG TERM PRODUCTIVITY.

1. Short Term: (Estimated 20 years) A total loss of production on the land and the associated environmental impacts will continue to influence the surrounding area for the productive life of the well.

2. Long Term: Standard policies provide for rehabilitation of the well sites and access roads. After the land is rehabilitated, it is not expected to return to its original productive capability. Normally, there will be a permanent scar left on the landscape.

#### C. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENT

Oil and Gas are non-renewable resources, once they have been removed they can never be replaced.

### 8.0 CUMULATIVE IMPACTS

#### A. FULL DEVELOPMENT

Each additional well drilled for development increases the soil erosion potential, reduces wildlife habitat and grazing, increases potential soil and geologic pollution resulting from salt loading, reduces the soil's potential to recover, and increases the potential of water pollution from produced waters and hydro-carbons. Therefore, strict conformance with the mitigation measures and recommendations in this document is emphasized to minimize the adverse environmental impacts.

### 9.0 NEPA COMPLIANCE

#### A. RESEARCH/DOCUMENTATION

Based on available information, 04-11-94, the proposed location in the following areas of environmental impacts has been cleared:

☒ Yes ☐ No Listed Threatened & Endangered species  
☒ Yes ☐ No Critical wildlife habitat  
☒ Yes ☐ No Historical and cultural resources

### 10.0 REMARKS

#### A. SURFACE PROTECTION/REHABILITATION

All essential surface protection and rehabilitation requirements are specified above.

### 11.0 RECOMMENDATIONS

#### A. APPROVAL/DISAPPROVAL

We recommend approval ☒ disapproval ☐ of the proposed action as outlined in item 1.0 above.

Date

4/20/94

Dale Thomas  
Representative - BIA Land Operations,  
Uintah and Ouray Agency

## 12.0 REVIEWING OFFICIAL

### A. CONCURRENCE

We concur with the approval X disapproval \_\_\_\_ of the proposed action as outlined in item 1.0 above.

Date

April 20, 1994

Dennis Montgomery  
Environmental Coordinator,  
Uintah and Ouray Agency

## 13.0 DECLARATION

### A. APPROVAL

It has been determined that the proposed action is not a federal action significantly affecting the quality of the environment as it would require the preparation of an environmental impact statement in accordance with Section 102 (2) (c) of the National Environmental Policy Act of 1969 (42 USC 4331) (2) (C).

Date

April 21, 1994

Vincent M. Schubert, Acting  
Superintendent,  
Uintah and Ouray Agency

## 14.0 CONSULTATION

### A. REPRESENTATIVES/ORGANIZATION

1. Dale Thomas, Bureau of Indian Affairs
2. Pat Padia, Ute Tribe Energy & Minerals
3. Ralph Brown, Bureau of Land Management
4. Clay Einerson, ANR Production Company
5. Robert Kay, and Lanny Taylor, Uintah Engineering
6. Lisa Smith, Permitco

## WELL LOCATION INFORMATION

Company/Operator: ANR

API Number \_\_\_\_\_

Well Name & Number: 2-33B6

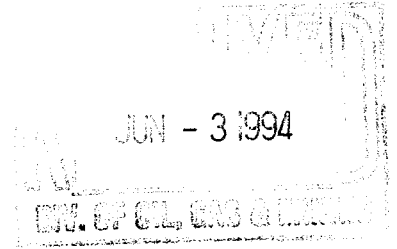
Lease Number: TL-2493

Location: SWNE Sec. 33 T.2 S. R.6 W.

Surface Ownership: Indian

Date NOS Received April 4, 1994

Date APD Received April 19, 1994



## NOTIFICATION REQUIREMENTS

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## SURFACE USE PLAN OF OPERATIONS

As recommended by the Ute Tribe and BIA.

After the pipeline has been constructed and the right-of-way re-seeded, vehicular travel over the right-of-way will be limited to that which is absolutely necessary for the maintenance of the pipeline.

Surface pipelines will be constructed by using the following procedures:

- a. Staging areas will be set up along roads or well sites. The pipeline will be welded in place at the staging area.
- b. As the pipeline is welded, it will be pulled to the next staging area by a suitable piece of equipment. Except for unusual conditions, only one trip across the right-of-way with equipment is all that will be required.

Paleontology - To protect paleontology resources, surface pipeline construction will not occur when the soil is muddy. It will occur when the soil is either frozen or dry. Rip rap on wash to prevent wash from eroding NE corner of pad.

All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.

The Ute Tribal Cultural Rights and Protection Office, the Ute Tribal Energy and Minerals Office, or the Bureau of Indian Affairs should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

A closed production system will be used (no unlined pits).

Fresh water for drilling is hereby authorized to be taken from the Jasper Pike Canal under Ute Indian Water Right #1230, according to operator's agreement with the Ute Tribe. Duchesne City water would have to be further analyzed for depletion.

The reserve pit shall be lined.

A plastic nylon reinforced liner will be used. It will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place.

The #6 corner of the well pad will be rounded off to avoid the declining slope. Number 2 corner will be rounded to reduce amount of fill.

The operator shall contact Pat Padia or Joy Grant of the Ute Tribe 24-48 hours prior to dirt work construction. Telephone (801) 722-5141, so the construction can be monitored according to the Metcalf Archaeological recommendation.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for a 5M, triple ram, system for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. In addition to the aforementioned BOP system, a minimum of a 2M BOPE system shall be installed prior to drilling out the 13 3/8 in. conductor and shall remain in use until the surface casing is set. The 2M system shall be set up as a diverter system and shall be function tested prior to drilling out from the conductor pipe. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.

In addition, to the cementing proposal for the surface casing, a minimum of 200 ft. of Class G neat cement shall be placed from 200 ft. to surface in the 9 5/8 in. X 13 3/8 in. annulus.

A casing integrity test will be ran prior to perforating the casing string for completion operations. Notify this office at least 24 hours prior to initiating the integrity test.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

Electronic/mechanical mud monitoring equipment shall be utilized while drilling below the surface casing shoe to total depth and shall include a pit volume totalizer (PVT), stroke counter and flow sensor.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

Prior to drilling out the surface casing shoe a Cement Bond Log (CBL) will be run from shoe to surface to determine the top of cement. Approval will not be given to drill out until the Authorized Officer has inspected the log and determined if remedial cementing is required. Submit a field copy of the CBL to this office.

A cement bond log (CBL) shall be utilized to determine the top of cement (TOC) and bond quality for the production liner. The CBL shall be ran from total depth to the top of the liner. Submit a field copy of the CBL to this office.

## 6. Notification of Operations

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to.

## 7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka (801) 781-1190  
Petroleum Engineer

Ed Forsman (801) 789-7077  
Petroleum Engineer

BLM FAX Machine (801) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-H62-2493

6. If Indian, Alottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #2-33B6

9. AAPI Well No.

43-013-31445

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1796' FNL & 2541' FEL

SW NE Section 33-T2S-R6W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

☒ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please change the existing casing program to the following:

13-3/8" 54.5# K-55 ST&C @ 1200' cmtd to surface.

9-5/8" 40# S-95 BT&C @ 7200' cmtd to 5000'.

7" 26# S-95 LT&C @ 6900'-11,000' cmtd to 6900'.

5" 18# S-95 LT&C @ 10,700'-14,388'.

This change will aid in cementing the 13-3/8" string to the surface.

Proposed cementing program:

13-3/8": Lead w/ 640 sx HLC 3% CaCl<sub>2</sub> 12.4ppg 1.97 cu.ft/sx, Tail w/580sx Prem Plus 2% CaCl<sub>2</sub> 15.6ppg 1.18 cu.ft/sx

9-5/8": Lead #1 w/500 sx XLite 10.1ppg 4.59cu.ft/sx, Lead #2 w/400 sx HLC 3% salt 12.7ppg 2.07cu.ft/sx, Tail w/ 260 sx PP 2% CaCl<sub>2</sub> 15.6ppg 1.18 cu.ft/sx

7": Lead #1 w/100sx Silicalite 3% gel+salt 11.0ppg 2.98 cu.ft/sx, Lead #2 w/350sx Silicalite 4% gel 2% CaCl<sub>2</sub> 10.5ppg 3.51 cu.ft/sx, Tail w/250sx Silicalite 2% gel 4% Versaset 12.0ppg 2.02cu.ft/sx

5": Lead w/350sx Silicalite 10%SSA 6%gel 12.0ppg 2.3cu.ft/sx, 2#/sx Capseal

The operator proposes to directionally drill the described well to a total vertical depth of 13,750' and a measured depth of 14,388'. The bottom hole location will be 700' FEL and 1800' FNL of Section 33. The target bottom hole location will maintain a distance of at least 660' FEL in order to maintain legal status. Wellbore deviation begins at 11,150' and is built, measuring inclination and direction with an MWD, at 5 degrees/100 to the maximum inclination of 40.2 deg., which is achieved at 11,889' TVD (11,953' MD). This angle and direction will then be held constant to TD using single shot survey methods for control. Please see attachments which explain the drilling program in detail.

14. I hereby certify that the foregoing is true and correct

Signed Bonnie Johnston Title Environmental Analyst Date 10/07/94

Bonnie Johnston

(This space for Federal or State office use)

APPROVED BY

Conditions of approval, if any:

Title

Date



## Coastal Oil & Gas

### Ute Tribal #2-33-B6

Section 33 - T2S - R6W  
Duchesne County, Utah  
SHL: 1796'FNL, 2541'FEL

MD ft	INC deg	DIR deg	TVD ft	N/S ft	E/W ft	VS ft	D'LEG °/100
0	0.00	0.0	0	0	0	0	0.00
7" Liner set at 11000'MD.							
11000	0.00	S89.88°E	11000	0	0	0	0.00
11100	0.00	S89.88°E	11100	0	0	0	0.00
Kick-Off at 11150'MD with a Stabilized Single Bend D475 Motor (5-7/8" Bottom Stabilizer, 1-1/2° Bent Housing).							
11150	0.00	S89.88°E	11150	0	0	0	0.00
11200	2.50	S89.88°E	11200	-0	1	1	5.00
11300	7.50	S89.88°E	11300	-0	10	10	5.00
11400	12.50	S89.88°E	11398	-0	27	27	5.00
11500	17.50	S89.88°E	11495	-0	53	53	5.00
11600	22.50	S89.88°E	11589	-0	87	87	5.00
11700	27.50	S89.88°E	11679	-0	129	129	5.00
11800	32.50	S89.88°E	11766	-0	179	179	5.00
11900	37.50	S89.88°E	11848	-1	237	237	5.00
11953	40.17	S89.88°E	11889	-1	270	270	5.00
12000	40.17	S89.88°E	11925	-1	300	300	0.00
12000'TVD Marker							
12098	40.17	S89.88°E	12000	-1	364	364	0.00
12500	40.17	S89.88°E	12307	-1	623	623	0.00
13000	40.17	S89.88°E	12689	-2	945	945	0.00
13500	40.17	S89.88°E	13071	-3	1268	1268	0.00
14000	40.17	S89.88°E	13453	-3	1590	1590	0.00
14389	40.17	S89.88°E	13750	-4	1841	1841	0.00

Origin of Bottom Hole Closure WELLSITE CENTER  
Bottom Hole Closure 1841 ft 90.1°

**DRILEX**

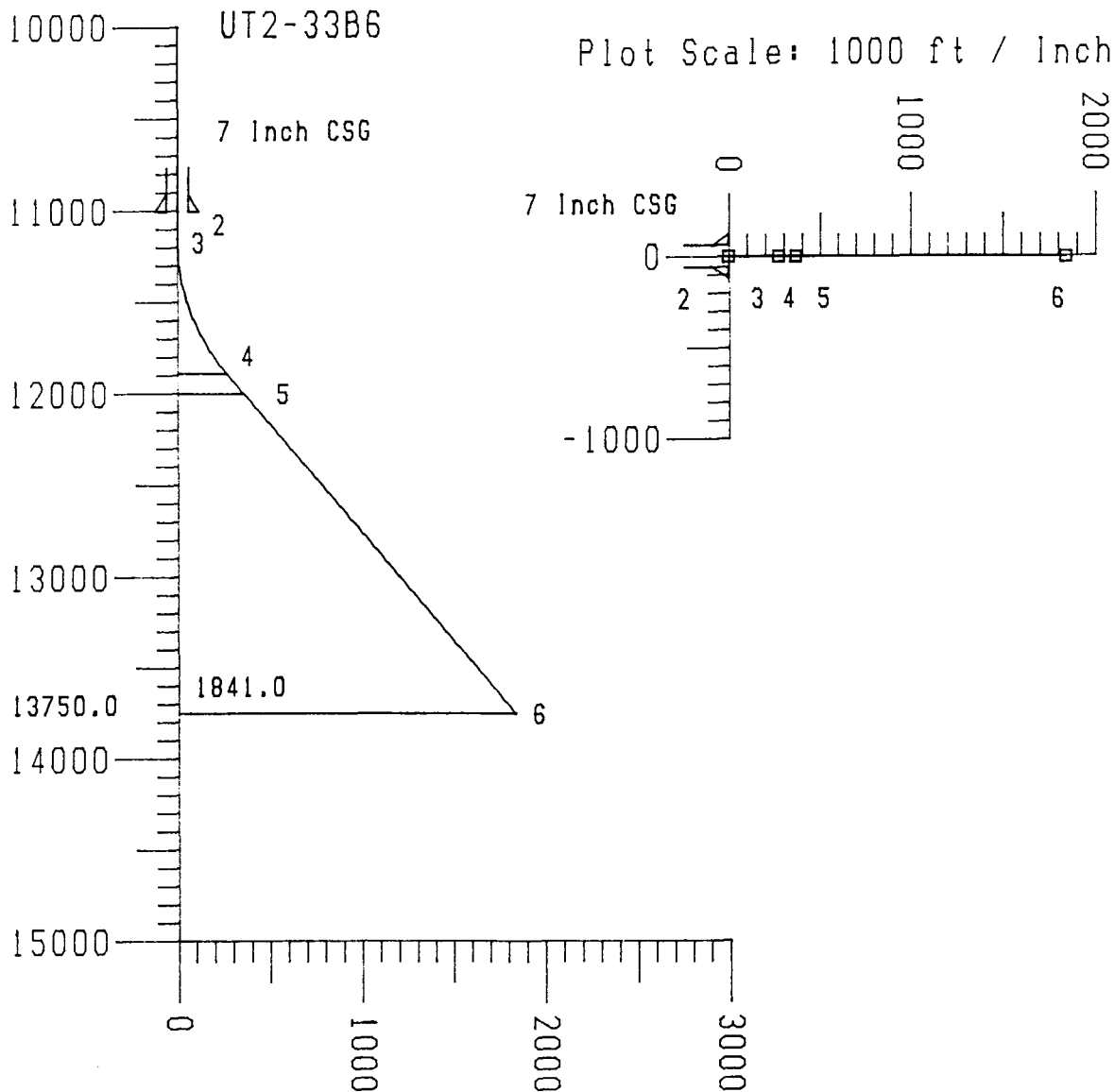
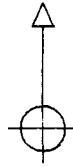
## Coastal Oil &amp; Gas

Ute Tribal #2-33 B6

Section 33 - T2S - R6W

Duchesne County, Utah

SHL: 1796°FNL, 2541°FEL



PLANE OF VERT SECTN 389.87E

PLOT DATE 10-03-1994

## TARGET DETAILS

No	TVD	Lat	Dep
1	11889.1	-0.6	270.3
2	12000.0	-0.8	363.8
3	13750.0	-4.0	1841.0

## WELL PROPOSAL

Sec	WD	TVD	VS	INC	DIR	LAT	DEP	TGT
1	0.0	0.0	0.0	0.0	S89.87E	0.0	0.0	
2	11000.0	11000.0	0.0	0.0	S89.87E	0.0	0.0	
3	11150.0	11150.0	0.0	0.0	S89.87E	0.0	0.0	
4	11953.4	11889.1	270.3	40.2	S89.87E	-0.6	270.3	
5	12098.4	12000.0	363.8	40.2	S89.87E	-0.8	363.8	2
6	14388.5	13750.0	1841.0	40.2	S89.87E	-4.0	1841.0	3

## CASING DETAILS

No	Size	TVD	WD
1	7 Inch C	11000.0	11000.0

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: ANR PRODUCTION

WELL NAME: UTE 2-33B6

API NO. 43-013-31445

Section 33 Township 2S Range 6W County DUCHESNE

Drilling Contractor PARKER

Rig # 232

SPUDDED: Date 11/11/94

Time

How ROTARY

Drilling will commence

Reported by SCOTT SEELEY

Telephone #

Date 11/16/94 SIGNED JLT

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
**ENTITY ACTION FORM — FORM 6**

OPERATOR ANR Production Company  
ADDRESS P.O. Box 749  
Denver, CO 80201-0749

OPERATOR ACCT. NO. N 0675

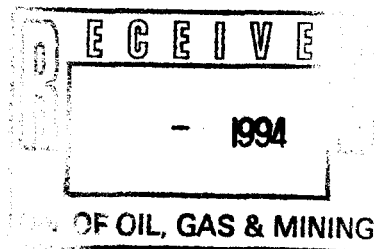
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11691	43-013-31445	Ute #2-33B6	SWNE	33	2S	6W	Duchesne	11/6/94	11/6/94
WELL 1 COMMENTS: <i>Entity added 11-10-94. J Lee</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

**ACTION CODES** (See instructions on back of form)

- A — Establish new entity for new well (single well only)
- B — Add new well to existing entity (group or unit well)
- C — Re-assign well from one existing entity to another existing entity
- D — Re-assign well from one existing entity to a new entity
- E — Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)



*Spila Bremer*  
Signature

Sr. Drilling Secretary 11/07/94  
Title Date

Phone No. (303) 573-4433

\*\*\* **RAT HOLE** \*\*\* **TITE HOLE** \*\*\* **TITE HOLE** \*\*\*  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NOV 17 1994

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

5. Lease Designation and Serial No.

14-20-H62-2493

6. If Indian, Alottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #2-33B6

9. API Well No.

43-013-31445

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1796' FNL & 2541' FEL

SW NE Section 33-T2S-R6W

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Spud Notice  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Spud well on 11/4/94 w/Bill Jr. Rat Hole Inc. Drilled 80' of 24" hole. Ran 80' of 20" csg & cmt w/Halliburton. Pmpd 10 BW, 350 sx Type V w/2% CaCl<sub>2</sub> & 1/4# per sx Flocele, wt 15.6, yld 1.18. Displ w/24-1/2 BW, 11 bbls cmt to surf, hole stayed full. Job complete @ 11:05 p.m. on 11/4/94.

Drlg, spud well @ 6:00 a.m. on 11/13/94 w/Parker #232. Drlg ahead.

14. I hereby certify that the foregoing is true and correct

Signed N.O. Shiflett Title District Drilling Manager Date 11/14/94

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
DRILLING INSPECTION FORM

OPERATOR: ANR PRODUCTIONS CO COMPANY REP: SCOTT SEELY

WELL NAME: UTE #2-33B6 API NO: 43-013-31445

QTR/QTR: SW/NE SECTION: 33 TWP: 02S RANGE: 06W

CONTRACTOR: PARKER DRILLING COMPANY RIG NUMBER: #232

INSPECTOR: DENNIS L. INGRAM TIME: 2:00 PM DATE: 12/7/94

SPUD DATE: DRY: \_\_\_\_\_ ROTARY: 11/11/94 PROJECTED T.D.: 13,900

OPERATIONS AT TIME OF VISIT: TRIP OUT OF HOLE FOR BIT CHANGE.

WELL SIGN: Y MUD WEIGHT N/A LBS/GAL BOPE: Y

BLOOIE LINE: Y FLARE PIT: Y H2S POTENTIAL: NO

ENVIRONMENTAL:

RESERVE PIT: Y FENCED: N LINED: Y PLASTIC: Y

RUBBER: \_\_\_\_\_ BENTONITE: \_\_\_\_\_ SANITATION: Y

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: YES

REMARKS:

CURRENT DEPTH IS 8579'. DID SET 7200' OF SURFACE PIPE. WILL  
SET 10,700 FEET OF 7" PIPE. LAST SURVEY WAS 3 3/4 DEGREES AT  
8456. DRILLING WITH AIR AND WATER. HOLE WASW SWEPT WITH 30  
SACKS OF GEL PRIOR TO TRIP. PENETRATION RATE IS 31 TO 32 FEET  
PER HOUR. OPERATOR IS CIRCULATING RESERVE PIT; PIT IS 1/3 FULL.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
DRILLING INSPECTION FORM

OPERATOR: ANR PRODUCTION CO COMPANY REP: SCOTT SEELY

WELL NAME: UTE #2-33B6 API NO: 43-013-31445

QTR/QTR: SW/NE SECTION: 33 TWP: 02S RANGE: 06W

CONTRACTOR: PARKER DRILLING COMPANY RIG NUMBER: #232

INSPECTOR: DENNIS INGRAM TIME: 11:00 AM DATE: 1/19/95

SPUD DATE: DRY: \_\_\_\_\_ ROTARY: 11/11/94 PROJECTED T.D.: 13,900

OPERATIONS AT TIME OF VISIT: DRILLING AHEAD.

WELL SIGN: Y MUD WEIGHT 9.3 LBS/GAL BOPE: Y

BLOOE LINE: Y FLARE PIT: Y H2S POTENTIAL: N

ENVIRONMENTAL:

RESERVE PIT: Y FENCED: N LINED: Y PLASTIC: Y

RUBBER: \_\_\_\_\_ BENTONITE: \_\_\_\_\_ SANITATION: Y

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: YES

REMARKS:

DRILLING AHEAD WITH 6 1/8" BIT. HOLE WAS TD'D ON 1/20/94 AT  
DEPTH OF 13,755 (TVD). HOWEVER, HOLE WAS DIRECTED DUE EAST AND  
CLOSED AT 1420.57 SOUTH 69.1773 EAST , TOTAL DEPTH WAS 14,140.  
PRODUCTION LINER READY AND ON PIPE RACKS. DRILLING 12 FEET  
PER HOUR. KOOMEY PRESSURED TO 2700 PSI; MANIFOLD TO 1400 PSI;  
ANNUAL TO 550 PSI. RIG HAS BOP'S IN PLACE WITH GAS BUSTER &  
CHOKE HOUSE.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

14-20-H62-2493

6. Indian, Alottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #2-33B6

9. AAPI Well No.

43-013-31445

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1796' FNL & 2541' FEL

SW NE Section 33-T2S-R6W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Install flowline  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

The operator proposes that surface facilities for the subject well be placed at the Broadhead #1-21B6 battery. A 3.3 mile flowline will be required to bring production from the well to the existing tie-in point to the flowline bundle near the #1-28B6 well (see attached map). From there, production will be transferred through 1.25 miles of line to the battery. A 3" production line and two 2" trace lines from the well to the tie-in will be installed. An additional line heater, if needed, will be installed at the wellsite to maintain line temperatures and minimize any paraffin buildups in the flowline. The well will be pumped with a Rotoflex with a gas engine to avoid the high cost of electricity. The gas engine will be run off casing head gas at the well and be passed through scrubbers to remove any liquids. Electric hookup will be evaluated at a later date.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct

Signed Bonnie Johnston Title Environmental Analyst

Date 01/13/95

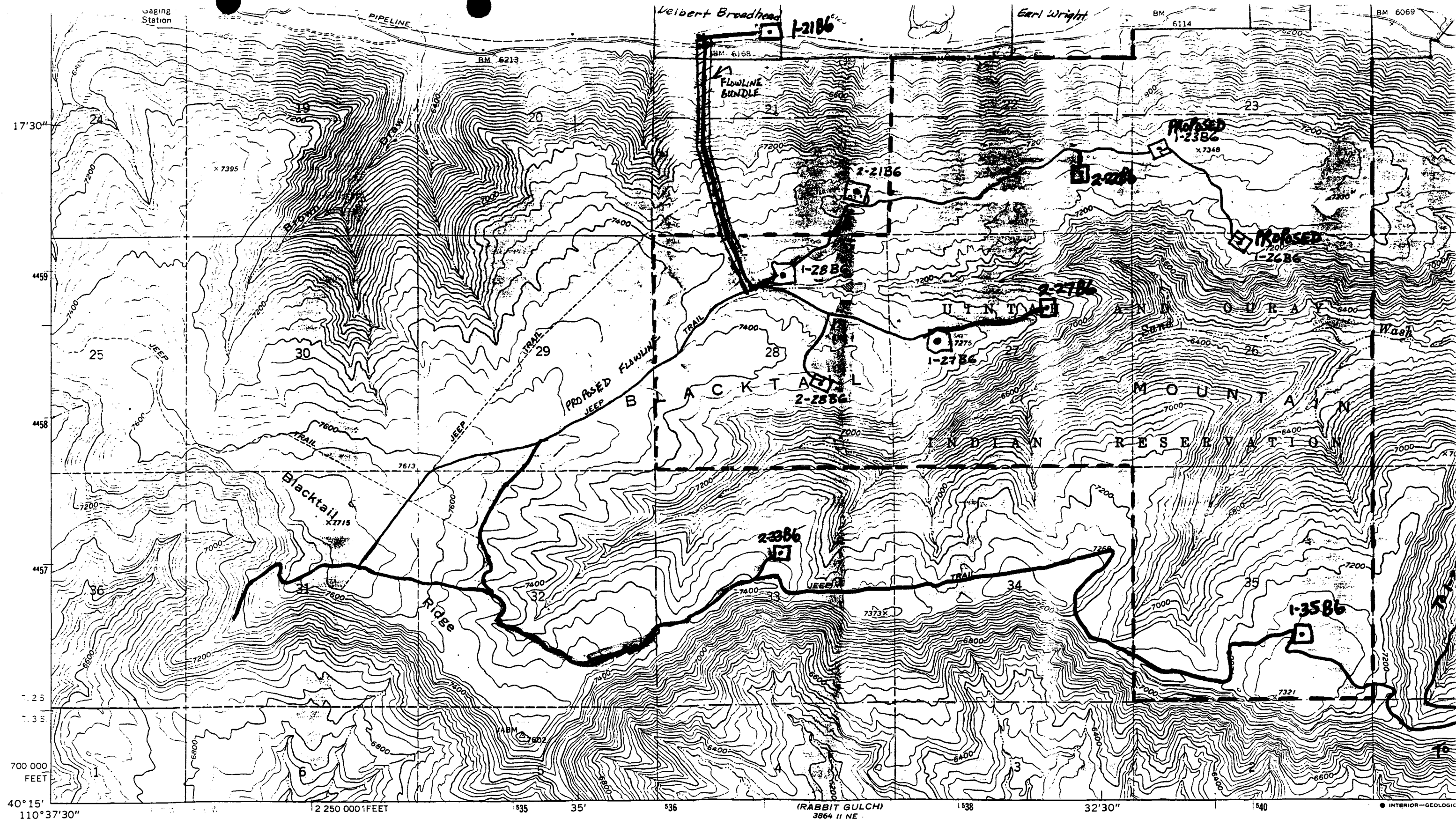
(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

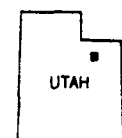
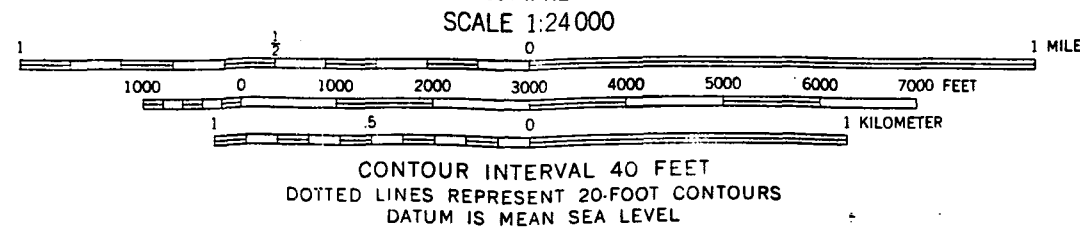
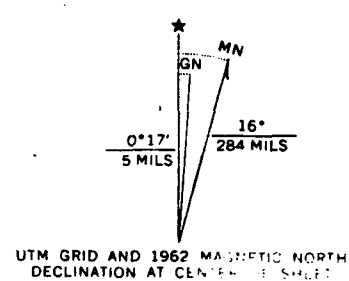


Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1958. Field checked 1962

Polyconic projection. 1927 North American datum  
10,000-foot grid based on Utah coordinate system, central zone  
1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue



ROAD

Light-duty

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-H62-2493

6. If Indian, Alottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #2-33B6

9. AAPI Well No.

43-013-31445

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1796' FNL & 2541' FEL

SW NE Section 33-T2S-R6W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Install flowline  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

ANR is having difficulty obtaining pipeline right-of-way from fee surface owners to lay a flowline from the Ute #2-33B6 well to the existing flowline bundle near the Ute #1-28B6 location. In order to produce and test the well as soon as it is completed (about 5 days), ANR proposes to install approximately 3,000' of flowline from the Ute #2-33B6 well to the Ute #1-33B6 battery in the S/2 S/2 Section 33. There will be approximately 1,000' of pipe from the #2-33B6 well to the edge of the ridge as shown on the attached plat. There will be approximately 2,000' of pipe from the top of the ridge to the #1-33B6 battery. Approximately 1,000 foot lengths will be assembled at the well site for the #2-33B6, slid across the surface to the edge of the ridge, and then lowered and controlled by cables down the face of the ridge. The pipeline will remain on the surface with a minimum of disturbance. ANR requests the issuance of a mineral access agreement to cover this pipeline. It is further requested that the archeological study of the proposed route be waived due to the minimal disturbance of the project area and the steepness of the ridge making it an unlikely source of major archeological importance.

BIA  
BLM  
State

14. I hereby certify that the foregoing is true and correct

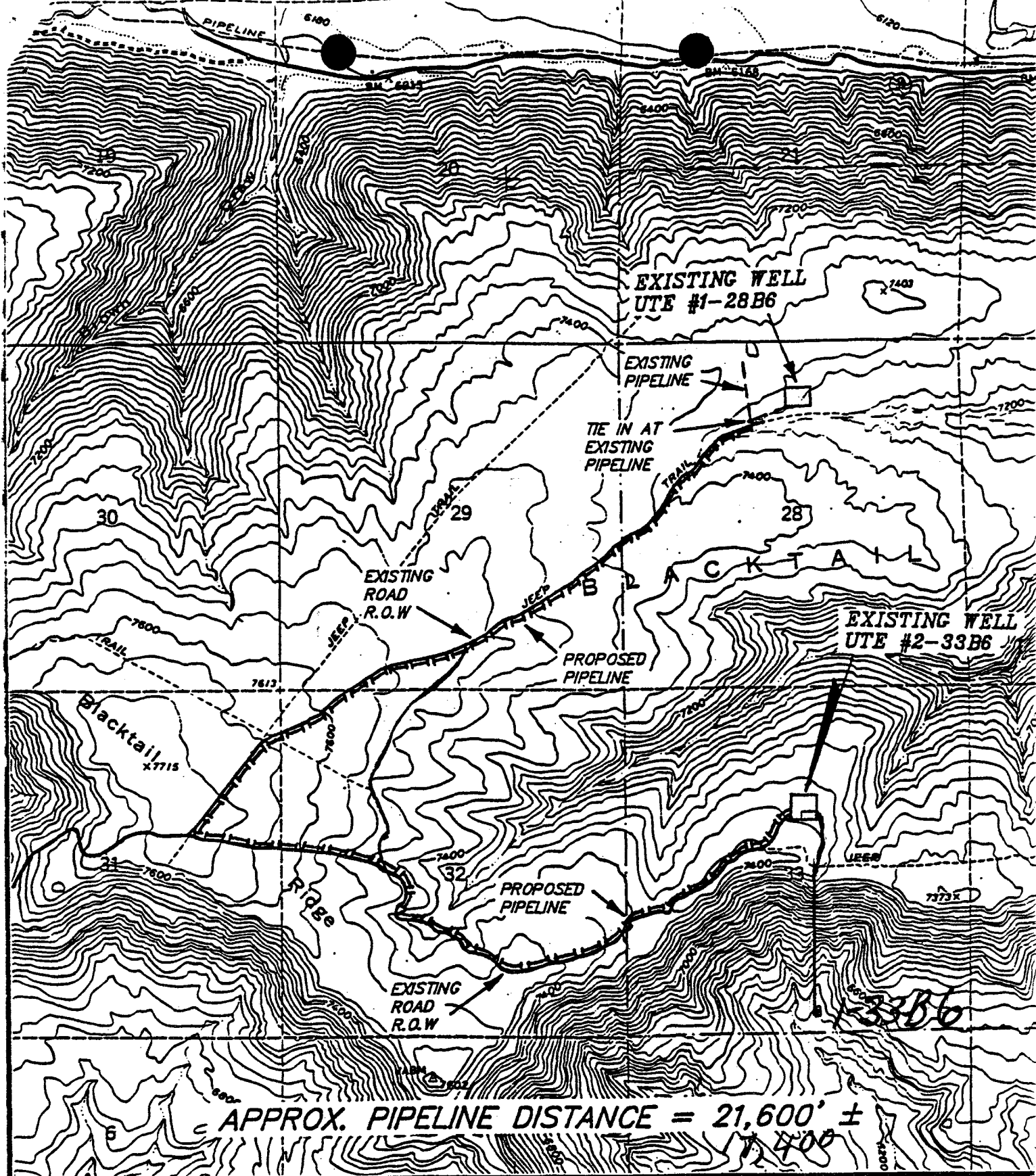
Signed N.O. Shiflett Title District Drilling Manager Date 01/27/95

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



# TOPOGRAPHIC

MAP 2-S 6-W

## LEGEND:

----- EXISTING PIPELINE  
 - - - - - Proposed Pipeline

SCALE: 1" = 2000'



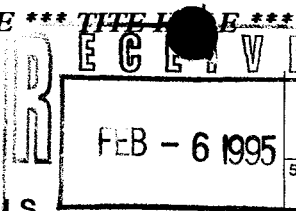
ANR PRODUCTION CO.

PROPOSED PIPELINE  
 FOR UTE #2-33B6

SECTION 28,29,31,32,33, T2S, R6W, U.S.B. &

DATE: 12-13-94 D.R.B.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different location, Alottee or Tribe Name  
Use "APPLICATION FOR PERMIT" - for such proposals

Ute  
7. If Unit or CA, Agreement Designation

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

N/A  
8. Well Name and No.  
Ute #2-33B6

2. Name of Operator  
ANR Production Company

9. AAPI Well No.  
43-013-31445

3. Address and Telephone No.  
P. O. Box 749, Denver, CO 80201-0749 (303) 573-4476

10. Field and Pool, Or Exploratory Area  
Altamont

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)  
1796' FNL & 2541' FEL  
SW NE Section 33-T2S-R6W

11. County or Parish, State  
Duchesne Co., UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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TYPE OF ACTION

☐ Notice of Intent  
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☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

The production carried by the proposed pipeline from the Ute #2-33B6 to the Ute #1-33B6 battery will be comingled in two 1000 barrel tanks. Each well is part of the same mineral lease. The production from the Ute #2-33B6 will have a separate heater/treater. Water from both wells will share the same tank. A revised site facility diagram will follow.

14. I hereby certify that the foregoing is true and correct

Signed Bonnie Johnston Title Environmental Analyst

Date 02/02/95

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

## APPLICATION FOR GRANT OF RIGHT-OF-WAY

ANR PRODUCTION COMPANY having a resident or principal place of business at 600 17th Street Suite 800 South Denver, Colorado 80201 ATTN: Right-of-Way Department hereby files an application with the Bureau of Indian Affairs, pursuant to the terms and provisions of the Act of February 5, 1948 (62 Stat. 17; 25 U.S.C. 323), and to the regulations of the Department of the Interior contained in Title 25, Code of Federal Regulations, Part 169, for the grant of a Right-of-Way for the following purposes and reasons:

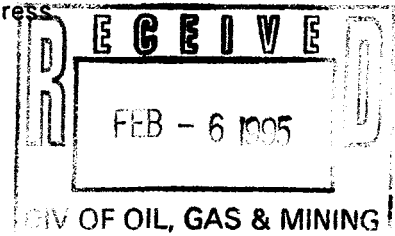
To construct a Pipeline Right-of-Way to service the Ute #2-33B6.

*43-013-31445*

Across the following described Indian Land: E 1/2 Section 33, T2S, R6W U.S.B.&M. Said Right-of-Way to be approximately 2984.60 feet in length, 30 feet in width, and 2.056 Acres and more particularly described and shown on the map of definite location to be attached and made a part hereof.

The applicant understands and hereby expressly agrees to the following stipulations:

- (a) To construct and maintain the Right-of-Way in a workmanlike manner.
- (b) To pay promptly all damages and compensation, in addition to the deposit made pursuant to §169.4, determined by the Secretary to be due the landowners and authorized users and occupants of the land on account of the survey, granting, construction and maintenance of the Right-of-Way.
- (c) To indemnify the landowners and authorized users and occupants against any liability for loss of life, personal injury and property damage arising from the construction, maintenance, occupancy or use of the lands by the applicant, his employees, contractors and their employees, or subcontractors and their employees.
- (d) To restore the lands as nearly as may be possible to their original condition upon the completion of construction to the extent compatible with the purpose for which the Right-of-Way was granted.
- (e) To clear and keep clear the lands within the Right-of-Way to the extent compatible with the purpose of the Right-of-Way; and to dispose of all vegetative and other material cut, uprooted, or otherwise accumulated during the construction and maintenance of the project.
- (f) To take soil and resource conservation and protection measures, including weed control, on the land covered by the Right-of-Way.
- (g) To do everything reasonable within its power to prevent and suppress fires on or near the lands to be occupied under the Right-of-Way.



- (h) To build and repair such roads, fences, and trails as may be destroyed or injured by construction work and to build and maintain necessary and suitable crossings for all roads and trails that intersect the works constructed, maintained, or operated under the Right-of-Way.
- (i) That upon revocation or termination of the Right-of-Way, the applicant shall, so far as is reasonably possible, restore the land to its original condition.
- (j) To at all times keep the Secretary informed of its address, and in case of corporations, of the address of its principal place of business and of the names and addresses of its principal officers.
- (k) That the applicant will not interfere with the use of the lands by or under the authority of the landowners for any purpose not inconsistent with the primary purpose for which the Right-of-Way is granted.

IN WITNESS THEREOF, ANR PRODUCTION COMPANY has caused this instrument to be executed this

1 day of February, 1995.

*S. A. Bismarck*  
WITNESS

*M. C. R.*  
WITNESS

ANR PRODUCTION COMPANY  
APPLICANT

*Bonnie Johnston*  
Ms. Bonnie Johnston  
600 17th Street Suite 800 SO.  
Denver, Colorado 80201-0794

#### SUPPORTING DOCUMENTS

- ( ) Written consent of the landowners.
- (\*) Evidence of good faith and financial responsibility.
- (X) \$1028.00 estimated damages, 2.056 Acres @ \$500.00 per Acre.
- (\*) State certified copy of corporate charter or articles of corporation.
- (\*) Certified copy of resolution or bylaws of the corporation authorizing the filing of the stipulations.
- (\*) State certification that the applicant is authorized to do business in the State where the land is located.
- ( ) Certified copy of the articles of partnership or association.
- (X) Map of definite location.
- ( ) Other:

\* Corporate qualifications have been filed and are maintained by the Division of Real Property Management, Fort Duchesne Agency.

ANR PRODUCTION CO.  
UTE #2-33B6  
PIPELINE RIGHT-OF-WAY  
SECTION 33, T2S, R6W, U.S.B.&M.

TOTAL PIPELINE RIGHT-OF-WAY ON UTE TRIBAL LANDS

TOTAL LENGTH OF RIGHT-OF-WAY IS 2,984.60' , 180.88 RODS OR 0.57 MILES. WIDTH OF RIGHT-OF-WAY IS 30' (15' PERPENDICULAR ON EACH SIDE OF THE CENTERLINE). CONTAINS 2.056 ACRES MORE OR LESS.

ENGINEER'S AFFIDAVIT

STATE OF UTAH }  
COUNTY OF UTAH } SS

ROBERT L. KAY, BEING FIRST DULY SWORN DEPOSES AND STATES THAT HE IS THE REGISTERED LAND SURVEYOR, FOR ANR PRODUCTION CO., THAT THESE SURVEYS WERE MADE BY HIM (OR UNDER HIS SUPERVISION): THAT HE HAS EXAMINED THE FIELD NOTES OF THE SURVEYS OF THE PIPELINE RIGHT-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP, THAT THIS MAP WAS PREPARED UNDER HIS DIRECTION FROM SAID FIELD NOTES, AND THAT SAID RIGHT-OF-WAY, 0.57 MILES IN LENGTH BEGINNING AND ENDING AS SHOWN ON THIS MAP IS ACCURATELY REPRESENTED.

*Robert L. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN BEFORE ME THIS 31 DAY OF Jan 1995.

MY COMMISSION EXPIRES Aug 17, 1998

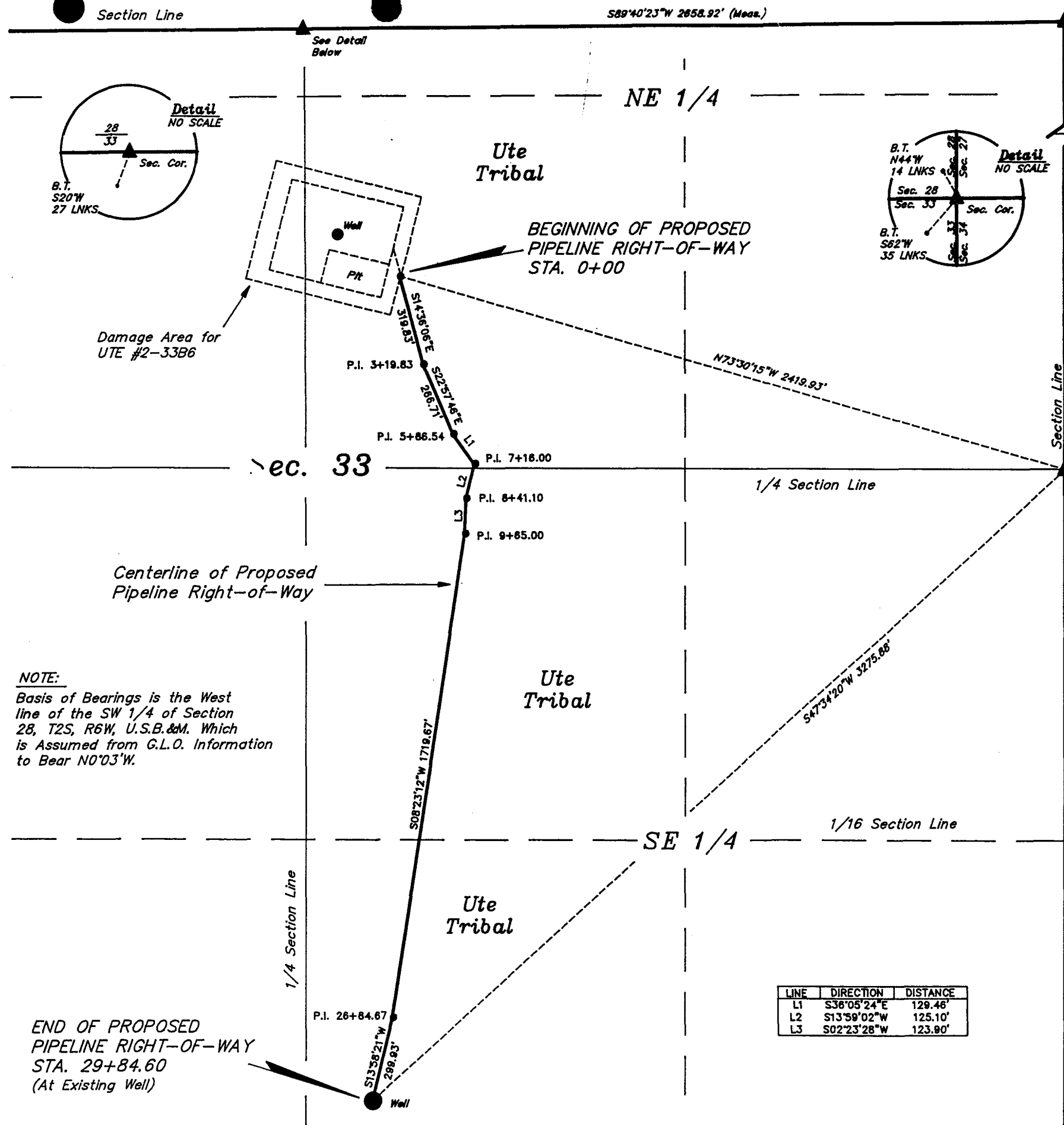
*Laury W. Hendon*  
NOTARY PUBLIC  
VERNAL, UTAH

APPLICANT'S CERTIFICATE

I, \_\_\_\_\_ DO HEREBY CERTIFY THAT I AM THE AGENT FOR ANR PRODUCTION CO., HEREINAFTER DESIGNATED THE APPLICANT; THAT ROBERT L. KAY WHO SUBSCRIBED TO THE FOREGOING AFFIDAVIT, IS EMPLOYED BY THE APPLICANT AS A LAND SURVEYOR AND THAT HE WAS DIRECTED BY THE APPLICANT TO SURVEY THE LOCATION OF THIS PIPELINE RIGHT-OF-WAY, 0.57 MILES IN LENGTH BEGINNING AT STA. 0+00 AND ENDING AT STA. 29+84.60, THAT SAID PIPELINE RIGHT-OF-WAY IS ACCURATELY REPRESENTED ON THIS MAP; THAT SUCH SURVEY AS REPRESENTED ON THIS MAP HAS BEEN ADOPTED BY THE APPLICANT AS THE DEFINITE LOCATION OF THE RIGHT-OF-WAY THEREBY SHOWN; AND THAT THE MAP HAS BEEN PREPARED TO BE FILED WITH THE SECRETARY OF THE INTERIOR OR HIS DULY AUTHORIZED REPRESENTATIVE AS PART OF THE APPLICATION FOR SAID RIGHT-OF-WAY TO BE GRANTED THE APPLICANT, ITS SUCCESSORS AND ASSIGNS, WITH THE RIGHT TO CONSTRUCT, MAINTAIN, AND REPAIR IMPROVEMENTS, THEREON AND THEREOVER, FOR SUCH PURPOSES, AND WITH THE FURTHER RIGHT IN THE APPLICANT, ITS SUCCESSORS AND ASSIGNS TO TRANSFER THIS RIGHT-OF-WAY BY ASSIGNMENT, GRANT, OR OTHERWISE.

*Dennis L. Hudson*  
APPLICANT

*Environmental Analyst*  
TITLE



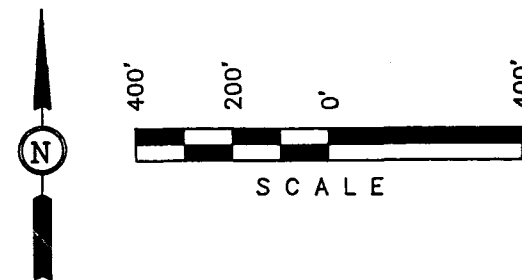
**NOTE:**  
Basis of Bearings is the West line of the SW 1/4 of Section 28, T2S, R6W, U.S.B.&M. Which is Assumed from G.L.O. Information to Bear N0°03'W.

END OF PROPOSED  
PIPELINE RIGHT-OF-WAY  
STA. 29+84.60  
(At Existing Well)

LINE	DIRECTION	DISTANCE
L1	S36°05'24"E	129.46'
L2	S13°59'02"W	125.10'
L3	S02°23'28"W	123.90'

▲ = SECTION CORNERS LOCATED.

ANR PRODUCTION CO.  
**PROPOSED PIPELINE  
RIGHT-OF-WAY  
ON UTE TRIBAL LANDS**  
(For the UTE #2-33B6)  
LOCATED IN  
SECTION 33, T2S, R6W, 6th P.M.  
DUCHESE COUNTY, UTAH



**PIPELINE RIGHT-OF-WAY DESCRIPTION**

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NE 1/4 OF SECTION 33, T2S, R6W, U.S.B.&M. WHICH BEARS N73°30'15"W 2419.93 FROM THE EAST 1/4 CORNER OF SAID SECTION, THENCE S14°36'06"E 319.83'; THENCE S22°57'46"E 266.71'; THENCE S36°05'24"E 129.46'; THENCE S13°59'02"W 125.10'; THENCE S02°23'28"W 123.90'; THENCE S08°23'12"W 1719.67'; THENCE S13°58'21"W 299.93' TO A POINT IN THE SE 1/4 OF SAID SECTION 33 WHICH BEARS S47°34'20"W 3275.88' FROM THE SAID EAST 1/4 CORNER OF SECTION 33. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE WEST LINE OF THE SW 1/4 OF SECTION 28, T2S, R6W, U.S.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°03'W. CONTAINS 2.056 ACRES MORE OR LESS.

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161318  
STATE OF UTAH

**UNTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH - 200 EAST • (801) 789-1017  
VERNAL, UTAH - 84078

SCALE G.L.O. PLAT	DATE 1-31-95
PARTY L.D.T. D.A. D.J.S.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE 40523

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-H62-2493

6. If Indian, Allottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #2-33B6

9. AAPI Well No.

43-013-31445

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

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REPORT, GAS & MINING

SUBMIT IN TRIPLICATE

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1796' FNL & 2541' FEL

SW NE Section 33-T2S-R6W

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TYPE OF SUBMISSION

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Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

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☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other First Production

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Commenced production on 2/9/95.

14. I hereby certify that the foregoing is true and correct

Signed

N.O. Shiflett

Title District Drilling Manager

Date

02/21/95

(This space for Federal or State office use)

APPROVED BY

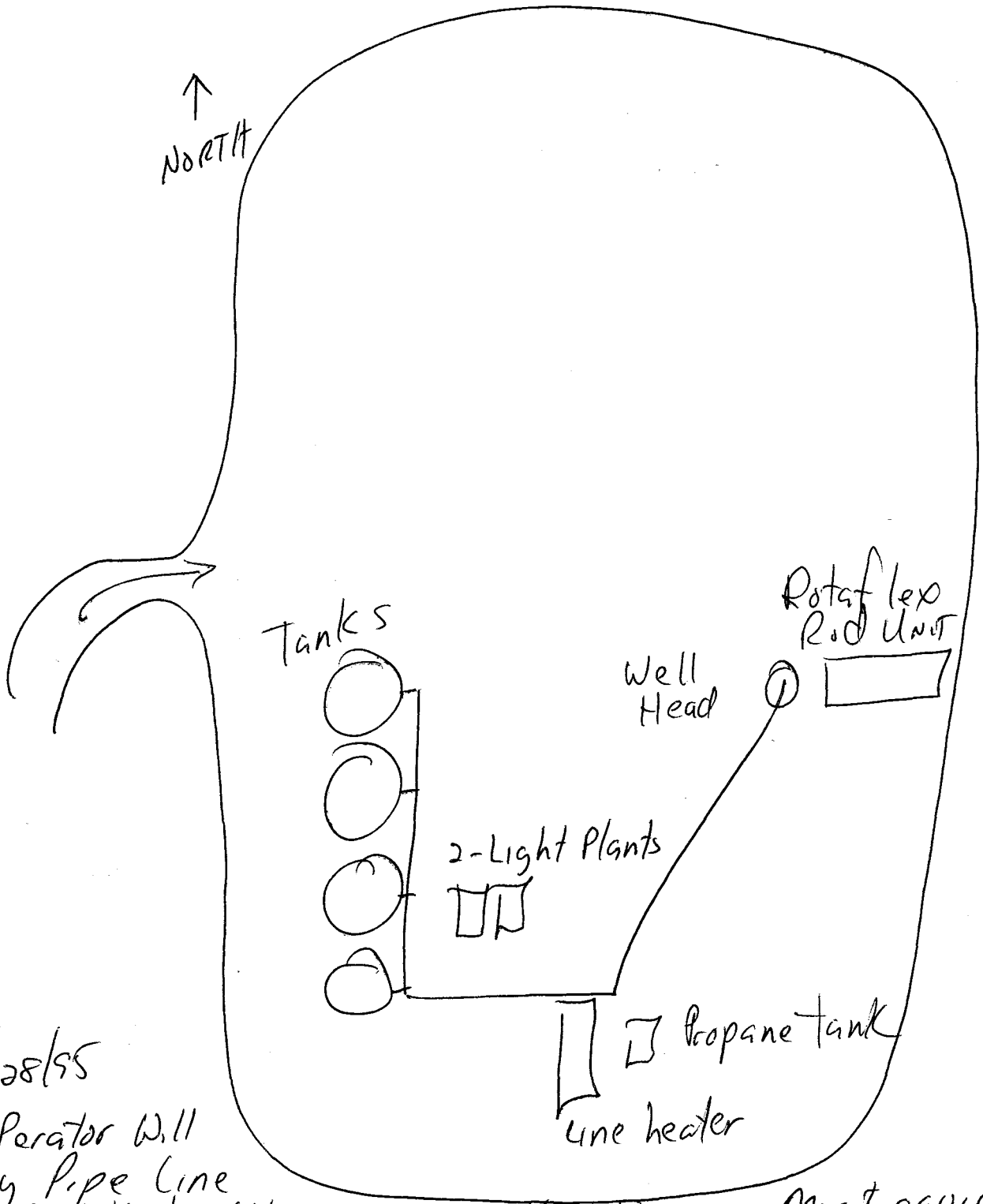
Title

Date

Conditions of approval, if any:

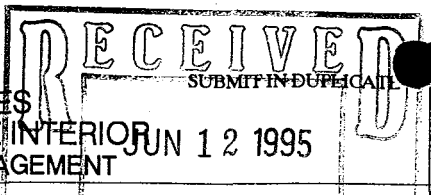
ANR PRODUCTION COMPANY  
UTE # 2-33B6  
Sec 33; T2S; R6W  
(Pow)

43-013-31445  
Dennis J.



3/28/95

Operator Will  
Lay Pipe Line  
off hill to Ute 1-33B6 this Spring. Most equipment  
will be removed from lease @ that time.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: February 25, 1995

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-2493											
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute											
2. NAME OF OPERATOR ANR Production Company				7. UNIT AGREEMENT NAME N/A											
3. ADDRESS AND TELEPHONE NO. P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476				8. FARM OR LEASE NAME, WELL NO. Ute #2-33B6											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1796' FNL & 2541' FEL At top prod. interval reported below 2185' FNL & 2346' FEL At total depth 2280' FNL & 1273 FEL				9. API WELL NO. 43-013-31445											
10. FIELD AND POOL, OR WILDCAT Altamont				11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA SW/NE Section 33, T2S-R6W											
14. PERMIT NO. 43-013-31445				DATE ISSUED 6/2/94		12. COUNTY OR PARISH Duchesne		13. STATE Utah							
15. DATE SPUDDED 11/6/94		16. DATE T.D. REACHED 1/20/95		17. DATE COMPL. (Ready to prod.) 2/22/95		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7352' GR		19. ELEV. CASINGHEAD							
20. TOTAL DEPTH, MD & TVD 14,140'		21. PLUG BACK T.D., MD & TVD 14,086'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY rotary		24. ROTARY TOOLS CABLE TOOLS							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 12,076' - 14,030' Wasatch								25. WAS DIRECTIONAL SURVEY MADE yes							
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/Sonic/Gr, CBIL, CBL								27. WAS WELL CORED no							
28. CASING RECORD (Report all strings set in well)															
CASING SIZE/GRADE		WEIGHT, LB/FT.		DEPTH SET (MD)		HOLE SIZE		TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED					
20"				104'		24"		SEE ATTACHED CEMENTING RECORD		11 bbls to surf.					
13-3/8"		54.5#		1,200'		17-1/2"		RECORD		55 bbls to surf.					
9-5/8"		40#		7,200'		12-1/4"									
7"		26#		11,008'		8-3/4"									
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
5"		10,668'		14,138'		360 sx									
31. PERFORATION RECORD (Interval, size and number) Perf Wasatch w/3 SPF, 3-1/8" guns @ 12,076' - 14,030' (693 holes)  SEE ATTACHED PERFORATING RECORD										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										12076-14030'		21,000 gal 15% HCl w/additives			
33.* PRODUCTION															
DATE FIRST PRODUCTION 2/22/95		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) pumping						WELL STATUS (Producing or shut-in) producing							
DATE OF TEST 3/5/95		HOURS TESTED 24		CHOKE SIZE open		PROD'N. FOR TEST PERIOD		OIL--BBL 67		GAS--MCF 0		WATER--BBL 73		GAS-OIL RATIO ---	
FLOW. TUBING PRESS. --		CASING PRESSURE --		CALCULATED 24-HOUR RATE		OIL--BBL		GAS--MCF		WATER--BBL		OIL GRAVITY--API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) flared										TEST WITNESSED BY					
35. LIST OF ATTACHMENTS Chronological history, cementing record, perforating record															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.															
SIGNED <u>Bonnie Johnston</u> TITLE <u>Senior Environmental Analyst</u> DATE <u>06/07/95</u>															

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



CEMENTING RECORD  
UTE #2--B6

Casing Size

Cement Record

20"	350 sx Type V w/2% $\text{CaCl}_2$ and 1/4#/sx Flocele, wt 15.6, yld 1.18
13-3/8"	Lead: 640 sx HLC w/3% $\text{CaCl}_2$ & 1/4#/sx Flocele, wt 12.4, yld 1.97 Tail: 580 sx Type V w/2% $\text{CaCl}_2$ & 1/4#/sx Flocele, wt 15.6, yld 1.18
9-5/8"	Lead 1: 300 sx Xtreme Lite w/4% gel, 4% $\text{CaCl}_2$ , 1% EX-1, 10 #/sx Gilsonite, 1/4#/sx flocele & 3#/sx Capseal, wt 10.1, yld 4.59 Lead 2: 200 sx HLC w/1% EX-1, 3% salt, 1/4#/sx Flocele, 3#/sx Capseal, wt 12.7, yld 1.83 Tail: 205 sx Type V w/2% $\text{CaCl}_2$ & 1/4#/sx Flocele, wt 15.6, yld 1.18
7"	Lead 1: 150 sx Silicalite w/2% gel, 0.4% Versaset, 0.7% SCR-100, wt 12#, yld 2.02 Lead 2: 410 sx Silicalite w/4% gel 4% $\text{CaCl}_2$ , 1% EX-1, 10 #/sx Gilsonite, 3#/sx Capseal, 1/4#/sx Flocele, wt 10.5 #, yld 3.51 Lead 3: 200 sx HLC w/1% EX-1, 3% salt, 1/4#/sx Flocele, 3#/sx Capseal, wt 12.4, yld 1.97 Tail: 100 sx "H" w/0.1% HR-5, 0.4% 344, wt 16.4, yld 1.06

PERFORATING RECORD  
UTE #2-33B6

<u>Run #</u>	<u>Depth</u>	<u>Feet</u>	<u>Holes</u>
1	14,030-13,817'	26	78
2	13,811-13,617'	26	78
3	13,614-13,410'	26	78
4	13,398-13,223'	26	78
5	13,219-13,026'	26	78
6	13,019-12,781'	26	78
7	12,776-12,559'	25	75
8	12,546-12,321'	25	75
9	12,306-12,076'	<u>25</u>	<u>75</u>
	Total	231	693

**ANR PRODUCTION COMPANY  
CHRONOLOGICAL HISTORY**

**TITE HOLE**

SECTION 33-T2S-R6W

UTE #2-33B6  
Altamont Field  
Duchesne County, UT  
Parker #232/Anchor  
WI: 100% ANR AFE: 00468  
MD: 14,140' PBSD: 14,086'  
SD: 11/13/94  
Csg: 20" @ 104', 13 3/4" @ 1200',  
9 3/4" @ 7200', 7" @ 11,008'  
5" Liner @ 10,658'-14,138'  
Perfs: 12,076'-14,030' (Wasatch)  
DHC(M\$): 1,691.0/CWC(M\$): 2,107.0

- 11/6/94 80' GL Bldg res pit. RU Bill Jr. Rat Hole Inc. on 11/4/94 & drilled 80' of 24" hole. Ran 80' of 20" csg & cmt w/Halliburton. Pmpd 10 bbls wtr, 350 sx Type V w/2% CaClz & 1/4#/sx Flocele, wt 15.6, yld 1.18. Displ w/24 1/2 BW, 11 bbls cmt to surf, hole stayed full. Job compl @ 11:05 PM 11/4/94. J&R Const working on res pit after Jackson Const drilled & shot rock in pit 11/5/94. Est Parker will start moving 11/8/94. CC: \$5788.
- 11/7/94 80' GL Bldg res pit. Parker will start moving 11/8/94. CC: \$42,305.
- 11/8/94 81' GL Bldg res pit & MIRT. MIRT Parker #232. CC: \$56,787.
- 11/9/94 81' GL RURT. MIRU Parker #232. CC: \$64,540.
- 11/10/94 105' KB RURT. RU Parker #232, 50% rigged up. CC: \$65,017.
- 11/11/94 105' RURT. RU Parker #232, 80% rigged up. CC: \$98,107.
- 11/12/84 105' RURT. RURT Parker #232, 90% rigged up. CC: \$98,584.
- 11/13/94 105' RURT. RURT, will spud @ 6:00 AM on 11/13/94. CC: \$99,061.
- 11/14/94 414' Drlg. 309'/23 1/2 hrs. Drlg, spud @ 6:00 AM on 11/13/94. Svy. Drlg. MW 8.4, vis 27, pH 8.5, ALK 0.01/0.07, CL 7,000, Ca 1,200. Svy: 1/2" @ 250'. CC: \$115,723.
- 11/15/94 880' Drlg. 466'/23 1/2 hrs. Drlg, svy. Drlg. MW 8.5, vis 27, pH 9.5, ALK 0.3/1.9, CL 11,000, Ca 240. Svy: 1/2" @ 490'. CC: \$131,308.
- 11/16/94 1200' POOH. 320'/21 hrs. Drlg, svy. Drlg, circ & cond. POOH (dropped svy). MW 8.5, vis 27, pH 10, ALK 0.8/4.5, CL 10,000, Ca 300. Svy: 1/2" @ 885'. CC: \$143,928.
- 11/17/94 1200' NU BOP's. POOH. RU Westates & ran 28 jts + 1 landing jt 13 3/4" 54.5# ST&C J-55 w/Howco shoe & ins. float, total string 1222.69', 9 centr. Circ csg, lost ret., pmpd 200 bbls LCM & got full ret. Cmt w/Halliburton, pmpd 20 BFW. Lead w/640 sx HLC w/3% CaClz & 1/4#/sx Flocele, wt 12.4, yld 1.97. Tail w/580 sx Type V w/2% CaClz & 1/4#/sx Flocele, wt 15.6, yld 1.18. Displ w/182 BW, plug bumped, floats held, good ret. throughout job, 55 bbls cmt to surf - hole stayed full, complete @ 3:45 PM 11/16/94. WOC. Cut off csg & weld on head, tested to 1500#. NU BOP's. MW 8.5, vis 27, pH 10, ALK 1.0/3.9, CL 11,000, Ca 320. CC: \$223,611.
- 11/18/94 1614' Drlg w/air mist. 414'/6 1/2 hrs. NU BOP's & set wear ring. PU BHA & TIH, tag cmt @ 950'. Drill cmt 950'-986', lost 800 psi. POOH, check BHA. TIH, drill cmt, float & shoe. Install rot hd & unload hole. Drlg w/air mist, svy. Drlg w/air mist. MW 8.4, vis 27, pH 10, ALK 1/3.9, CL 11,000, Ca 320, air 2600 CFM. Svy: 1" @ 1444'. CC: \$246,835.
- 11/19/94 2250' Drlg. 636'/18 1/2 hrs. Drlg, RS. Drlg, svy & fill hole for trip. Trip for bit #2. Drlg. MW 8.4, vis 27, pH 10.5, ALK 1.8/5.6, CL 12,000, Ca 300, air 2600 CFM, 18 GPM wtr. Svy: 1" @ 1965'. CC: \$272,245.
- 11/20/94 2856' Drlg. 606'/23 hrs. Drlg w/air mist, RS, svy. Drlg w/aerated wtr. MW 8.4, vis 27, pH 10, ALK 0.4/1.4, CL 4,500, Ca 40, air 1400 CFM. Svy: 1 1/2" @ 2444'. CC: \$283,751.

**ANR PRODUCTION COMPANY**  
**CHRONOLOGICAL HISTORY**

**TITE HOLE**

PAGE 2

UTE #2-33B6  
Altamont Field  
Duchesne County, UT

- 11/21/93 3310' Drlg w/aerated wtr. 454'/23 hrs. Drlg w/aerated wtr, WL svy @ 2948', RS. Drlg w/aerated wtr. MW 8.4, vis 27, pH 10, ALK 0.3/0.7, CL 2,600, Ca 44, air 1400 CFM. Svy: 1° @ 2948'. CC: \$301,425.
- 11/22/94 3690' Drlg w/aerated wtr. 380'/23 hrs. Drlg w/aerated wtr, RS & check BOP's. Drlg w/aerated wtr, WL svy @ 3453'. Drlg w/aerated wtr. MW 8.4, vis 27, pH 9.0, ALK 0.1/0.5, CL 1,200, Ca 40, air 1400 CFM. Svy: ½° @ 3453'. CC: \$311,304.
- 11/23/94 3941' TIH w/bit #4. 251'/18 hrs. Drlg w/aerated wtr, RS. Drlg w/aerated wtr. Drlg w/wtr (no ret). TFNB. MW 8.4, vis 27, pH 10, ALK 0.2/0.3, CL 900, Ca 100. CC: \$329,639.
- 11/24/94 4455' Drlg. 514'/22½ hrs. W&R 45' to btm. Drlg w/aerated wtr, RS. Drlg w/aerated wtr, svy. Drlg w/wtr. MW 8.4, vis 27, pH 9, ALK 0.1/0.2, CL 1,200, Ca 36, air 2600 CFM. Svy: 1¼° @ 4400'. CC: \$352,339.
- 11/25/94 4855' Drlg. 400'/23½ hrs. Drlg w/wtr, RS. Drlg w/wtr. Drlg w/aerated wtr. MW 8.4, vis 27, pH 9, ALK 0.1/0.2, CL 700, Ca 72, air 2600 CFM. CC: \$363,137.
- 11/26/94 5180' Drlg. 325'/23 hrs. Drlg w/wtr, RS. Drlg w/wtr, svy. Drlg w/aerated wtr. Green River 40% sh, 20% ss, 40% ls, BG 40, CG 60, no shows. MW 8.4, vis 27, pH 10, ALK 0.3/0.5, CL 700, Ca 70, air 2600 CFM. Svy: 2½° @ 4900'. CC: \$380,766.
- 11/27/94 5365' Drlg. 185'/13½ hrs. Drlg w/wtr, TFNB, cut drlg line. TIH, W&R 45' to btm, 10' fill. Drlg. Green River 40% ss, 30% sh, 30% ls, BG 35, CG 80. MW 8.4, vis 27, pH 10.5, ALK 1.4/2.3, CL 1,000, Ca 10, air 2600 CFM. CC: \$407,506.
- 11/28/94 5776' TIH. 411'/18½ hrs. Drlg, svy, RS. Drlg, TFNB. Green River 70% ss, 30% sh, BG 50, CG 120. Show #1 5606-50', P/R 2-1-2, F/G 40-100-50, no oil, fluor, or cut. MW 8.4, vis 27, pH 11, ALK 4.3/7.9, CL 2,000, Ca 8, air 2600 CFM. Svy: 2¾° @ 5466'. CC: \$417,874.
- 11/29/94 6087' Drlg w/aerated wtr. 311'/21 hrs. TIH. Drlg, RS. Drlg, svy. Drlg. Green River 80% ss, 20% sh, BG 125, CG 350. Shows: #2 5918-38', P/R 4-2-4, F/G 50-120-70; #3 5944-52', P/R 4-2-4, F/G 70-160-100; #4 6006-14', P/R 6-2-5, F/G 100-220-100; #5 6044-60', P/R 6-2-5, F/G 100-250-100; no oil, fluor, or cut in shows. MW 8.4, vis 27, pH 10.5, ALK 3.9/6.3, CL 2,000, Ca 16, air 2600 CFM. Svy: 1½° @ 5967'. CC: \$441,920.
- 11/30/94 6410' Drlg. 323'/23½ hrs. Drlg w/wtr, RS. Drlg w/aerated wtr. Green River 80% ss, 20% sh, BG 100, CG 300. Shows: #6 6292'-6312', P/R 4-2-4, F/G 100-150-100, no oil, fluor, or cut; #7 6374-84', P/R 5-1-4½, F/G 100-200-100, no oil, fluor, or cut. MW 8.4, vis 27, pH 10.5, ALK 4.5/8.5, CL 2,700, Ca 12, air 2600 CFM. CC: \$453,859.
- 12/1/94 6650' Drlg. 240'/16 hrs. Drlg w/aerated wtr, svy. Drlg w/aerated wtr, fill hole. TFNB, W&R 6549'-6627'. Drlg w/wtr. Green River 60% ss, 40% sh, BG 120, CG 250. Shows: #8 6410-30', P/R 6-2-5, F/G 100-250-100, no oil, TR fluor, no cut; #9 6452-78', P/R 6-2-3, F/G 100-250-120, no oil, fluor, or cut. MW 8.4, vis 27, pH 10.5, ALK 4.7/8.4, CL 2,800, Ca 10. Svy: 2¼° @ 6531'. CC: \$471,574.
- 12/2/94 7050' Drlg. 400'/23½ hrs. Drlg w/wtr, RS. Drlg w/aerated wtr. Green River 50% ss, 50% sh, BG 100, CG 250. Shows: #10 6808-26', P/R 3½-1½-3, F/G 100-200-100; #11 6892-910', P/R 3½-1½-4, F/G 100-300-150; #12 6918-30, P/R 4½-1½-4½, F/G 150-300-150; #13 6940-48', P/R 4-1-5½, F/G 150-250-150; no oil, fluor, or cut for shows. MW 8.4, vis 27, pH 10.5, ALK 5.2/9.4, CL 3,700, Ca 20, air 2600 CFM. CC: \$493,978.
- 12/3/94 7200' Running 9¾" csg. 150'/10 hrs. Drlg w/aerated wtr, RS. Drlg w/aerated wtr. Circ & cond (no ret). Short trip 20 stds. Circ & cond (no ret). POOH & LD DC. RU T&M Casers & run 9¾". Green River 50% sh, 50% ss, BG 100, CG 250. Show #14 7062-72', P/R 5-1½-5, F/G 100-200-100, no oil, TR fluor, wk cut. MW 8.4, vis 27, pH 10.5, ALK 6.4/15.8, CL 8,400, Ca 20, air 2600 CFM. CC: \$512,788.

**ANR PRODUCTION COMPANY  
CHRONOLOGICAL HISTORY**

**TITE HOLE**

UTE #2-33B6  
Altamont Field  
Duchesne County, UT

PAGE 3

- 12/4/94 7200' PT BOP. Ran 178 jts 9 5/8" 40# CF-95 LT&C & butt w/Howco shoe & float, total string 7219.01' w/10 centr, 1 on 1st & then every other jt, set down @ 7120'. Washed 80' to btm @ 7200'. Cmt w/Halliburton. 1st lead - 300 sx Xtreme Lite w/4% gel, 4% CaCl<sub>2</sub>, 1% EX-1, 10#/sx Gilsonite, 1/4#/sx Flocele & 3#/sx Capseal, wt 10.1, yld 4.59. 2nd lead - 200 sx HLC w/1% EX-1, 3% salt, 1/4#/sx Flocele, 3#/sx Capseal, wt 12.7, yld 1.83. Tail - 205 sx Type V w/2% CaCl<sub>2</sub> & 1/4#/sx Flocele, wt 15.6, yld 1.18. Displ w/545 bbls wtr, plug bumped, no ret. Job compl @ 2:45 PM 12/3/94. Set slips & cut off 9 5/8", NU csg spool & BOP's. PT BOP's. MW 8.4, vis 27, pH 10.5, ALK 6.8/15.6, CL 7,400, Ca 20. CC: \$703,970.
- 12/5/94 7480' Drlg w/aerated wtr. 280'/12 hrs. PT BOP's to 5000, Hydril to 2500. PU BHA & TIH. Drill cmt 7100'-7150'. PT csg to 1000. Drill float, cmt & shoe. Drlg. Green River 50% sh, 50% ss, BG 10, CG 40. Shows: #15 7218-30', P/R 4 1/2-1-3, F/G 0-20-5, TR oil, TR fluor, wk cut; #16 7304-22', P/R 2 1/2-1-2 1/2, F/G 5-40-10, no oil, TR fluor, wk cut; #17 7424-44', P/R 2 1/2-1-3 1/2, F/G 10-30-10, no oil, fluor, or cut. MW 8.4, vis 27, pH 10.5, ALK 6.6/15.4, CL 7,800, Ca 20, air 900 CFM. CC: \$723,110.
- 12/6/94 7935' Drlg w/aerated wtr. 455'/22 1/2 hrs. Drlg, RS. Drlg, svy. Drlg. Green River 50% ss, 50% sh, BG 10, CG 50. Show #18 7780-94', P/R 5-1-3 1/2, F/G 10-50-10, no oil, TR fluor, no cut. MW 8.4, vis 27, pH 10.5, ALK 7.2/16.8, CL 12,500, Ca 20, air 900 CFM. Svy: 2 1/4" @ 7600'. CC: \$732,459.
- 12/7/94 8460' Drlg w/aerated wtr. 525'/23 1/2 hrs. Drlg, RS. Drlg. Green River 80% sh, 20% ls. Shows: #19 7956-68', P/R 5-2-4, F/G 10-70-10, no oil, TR fluor, wk cut; #20 8036-54', P/R 3 1/2-2-4 1/2, F/G 10-30-10, no oil, TR fluor, wk cut; #21 8238-48', P/R 3 1/2-1 1/2-3 1/2, F/G 10-40-10, no oil, fluor, or cut. MW 8.4, vis 27, pH 10.5, ALK 8/18.4, CL 16,300, Ca 20, air 900 CFM. CC: \$749,491.
- 12/8/94 8823' Drlg w/aerated wtr. 363'/15 hrs. Drlg, RS, svy. Drlg, TFNB, wash 45' to btm (no fill). Drlg. Green River 80% sh, 20% ls, BG 50, CG 250, TG 700. Shows: #22 8486-92', P/R 3-1 1/2-3, F/G 10-150-50, no oil, TR fluor, wk cut; #23 8515-30', P/R 2 1/2-1 1/2-3 1/2, F/G 50-180-50, no oil, TR fluor, wk cut; #24 8736-46', P/R 2-1-2, F/G 50-200-50, no oil, TR fluor, wk cut. MW 8.5, vis 27, pH 10.5, ALK 11.2/24.8, CL 18,100, Ca 20, air 900 CFM. Svy: 3 1/4" @ 8456'. CC: \$766,974.
- 12/9/94 9155' Drlg. 332'/23 1/2 hrs. Drlg, RS. Drlg. Green River 90% sh, 10% ls, BG 5, CG 10. Show #25 8808-38', P/R 2 1/2-1 1/2-3, F/G 50-250-70, TR oil, TR fluor, wk cut. Started mud up @ 8950'. Lost ± 1000 bbls of wtr & mud. Drlg w/full ret @ report time. Air Drilling Inc. released 12/8/94. MW 8.9, vis 33, FL 16, PV 5, YP 4, solids 3%, pH 10.5, ALK 8.1/16, CL 14,000, Ca 56, gels 1/2, wall cake 2/32<sup>ND</sup>. CC: \$789,183.
- 12/10/94 9433' POOH for bit. 278'/22 1/2 hrs. Drlg, RS. Drlg, POOH for bit. Green River 90% sh, 10% ls, BG 20, CG 40. Shows: #26 9154-70', P/R 4 1/2-3-3 1/2, F/G 5-50-10, no oil, fluor, or cut; #27 9380-92', P/R 5 1/2-3 1/2-4 1/2, F/G 10-50-20, no oil, fluor, or cut; #28 9400-20', P/R 4 1/2-3 1/2-5, F/G 20-50-20, no oil, fluor, or cut. MW 8.8, vis 32, FL 25, PV 4, YP 4, solids 2%, pH 10.5, ALK 9/19.2, CL 15,000, Ca 36, gels 1/2, wall cake 2/32<sup>ND</sup>. CC: \$802,529.
- 12/11/94 9582' Drlg. 149'/10 1/2 hrs. Trip, cut drlg line. Trip, tag @ 8845'. W&R 8845'-9433'. Drlg. Green River 90% sh, 10% ls, BG 20, CG 200, TG 80. Shows: #29 9440-46', P/R 5-2 1/2-4 1/2, F/G 20-60-30, no fluor, oil, or cut; #30 9542-58', P/R 4-1 1/2-4 1/2, F/G 20-140-20, no oil, TR fluor, wk cut. No mud loss. MW 8.7, vis 32, FL 26.6, PV 5, YP 2, solids 1%, pH 10.5, ALK 5.5/12.3, CL 12,000, Ca 56, gels 1/2, wall cake 2/32<sup>ND</sup>. Svy: 3" @ 9433'. CC: \$824,166.
- 12/12/94 9865' Drlg. 283'/23 1/2 hrs. Drlg, RS. Drlg. Green River 80% sh, 10% ss, 10% ls, BG 20, CG 40. Show #31 9670'-9702', P/R 4 1/2-3 1/2-4 1/2, F/G 10-50-30, no oil, TR fluor, wk cut. No mud loss. MW 8.8, vis 32, FL 29.6, PV 4, YP 4, solids 2%, pH 11, ALK 7.8/17, CL 14,000, Ca 40, gels 2/4, wall cake 2/32<sup>ND</sup>. CC: \$835,034.

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- 12/13/94 10,095' Drlg. 230'/23½ hrs. Drlg. RS. Drlg. Green River 50% sh, 30% ss, 20% ls, BG 10, CG 25. Shows: #32 9850-76', P/R 6-2½-7, F/G 20-100-20, no oil, 20% fluor, wk cut; #33 9892-918', P/R 4½-2-5, F/G 20-50-20, no oil, TR fluor, wk cut; #34 10,044-70', P/R 7½-4½-7½, F/G 10-50-10, no oil, TR fluor, wk cut. Lost 450 bbls mud in the last 24 hrs. MW 9.0, vis 32, FL 28, PV 5, YP 2, solids 3%, pH 11, ALK 7.8/15.1, CL 13,000, Ca 24, gels 2/3, wall cake 2/32<sup>ND</sup>. CC: \$853,144.
- 12/14/94 10,295' Drlg w/full ret. 200'/21½ hrs. Drlg. lost circ @ 10,096'. Mix & pmp LCM (lost 400 bbls). Drlg w/full ret, RS. Drlg. svy. Drlg. Green River 60% sh, 20% ls, 10% ss, BG 20, CG 30. Shows: #35 10,142-48', P/R 6½-5-6½, F/G 10-30-20; #36 10,160-92', P/R 6½-5-6½, F/G 20-80-20; #37 10,248-62', P/R 8-3½-5, F/G 20-30-20; no oil, TR fluor, wk cut in all shows. Lost 400 bbls mud in last 24 hrs. MW 9.1, vis 35, FL 19.2, PV 8, YP 6, solids 3%, pH 11, ALK 7.6/16.0, CL 13,000, Ca 40, gels 2/6, wall cake 2/32<sup>ND</sup>. Svy: 3½° @ 10,185'. CC: \$865,531.
- 12/15/94 10,405' Drlg. 110'/14½ hrs. Drlg. RS. Drlg. TFNB, wash 40' to btm, 10' fill. Drlg. change rot hd. Drlg. Wasatch 80% sh, 10% ls, 10% ss, BG 10, CG 15, TG 275. Top of Wasatch @ 10,245', no shows. No mud loss. MW 9.2, vis 34, FL 28, PV 6, YP 6, solids 4%, pH 10.8, ALK 7.2/15.6, CL 13,000, Ca 28, gels 3/7, wall cake 2/32<sup>ND</sup>. CC: \$885,923.
- 12/16/94 10,545' Drlg. 140'/22 hrs. Drlg. RS. Drlg lost ret @ 10,529'. Mix & pmp LCM, got full ret. Drlg. Wasatch 70% sh, 20% ss, 10% ls, BG 10, CG 15. Shows: #38 10,412-22', P/R 6½-2½-8, F/G 10-30-10, no oil, TR fluor, wk cut; #39 10,500-10', P/R 10-2½-10, F/G 10-30-10, no oil, TR fluor, wk cut. Lost 400 bbls mud. MW 9.3, vis 34, FL 30, PV 7, YP 7, solids 5%, pH 10.5, ALK 7.6/15.9, CL 14,000, Ca 40, gels 4/8, wall cake 2/32<sup>ND</sup>. CC: \$900,028.
- 12/17/94 10,599' W&R @ 9428'. 54'/10 hrs. Drlg. RS. Drlg. TFNB. W&R 8906'-9428'. Wasatch 70% sh, 30% ss, BG 5, CG 10. Show #40 10,562-70', P/R 16½-2½-14, F/G 10-30-10, no oil, TR fluor, wk cut. No mud loss. MW 9.2+, vis 34, FL 32, PV 7, YP 7, solids 4%, pH 10.5, ALK 7.8/15, CL 13,000, Ca 40, gels 4/6, wall cake 2/32<sup>ND</sup>. Svy: 2¼° @ 10,554'. CC: \$923,531.
- 12/18/94 10,727' Drlg w/full ret. 128'/14½ hrs. W&R 8906'-10,337', ran the last 3 stds to 10,599'. Drlg (lost ret @ 10,640'). Pmp LCM sweeps & got full ret. Drlg. Lost 760 bbls mud. Wasatch 90% sh, 10% ss, BG 5, CG 10, TG 500, no shows. MW 9.2, vis 34, FL 32, PV 6, YP 7, solids 4%, pH 10.5, ALK 7.6, CL 12,500, Ca 40, gels 3/6, wall cake 2/32<sup>ND</sup>. CC: \$936,082.
- 12/19/94 10,944' Drlg. 217'/23½ hrs. Drlg. RS. Drlg. Wasatch 80% sh, 20% ss, BG 5, CG 10. Shows: #41 10,736-44', P/R 6½-3-6, F/G 10-25-10, no oil, fluor, or cut; #42 10,848-58', P/R 6-2½-6½, F/G 10-30-10, no oil, fluor, or cut. No mud loss in the last 24 hrs. MW 9.3, vis 33, FL 30, PV 5, YP 7, solids 6%, pH 10.5, ALK 7.1/15.5, CL 12,000, Ca 40, gels 3/5, wall cake 2/32<sup>ND</sup>. CC: \$950,128.
- 12/20/94 11,000' RU loggers. 56'/7 hrs. Drlg. circ & cond. Short trip 42 stds, tight @ 9474' & 8921'. Circ & cond, short trip 28 stds, no tight hole. Circ & cond, POOH for logs. RU Atlas WL. Wasatch 80% sh, 20% ss, BG 5, CG 10, TG 25, no shows. Lost 200 bbls mud to seepage. MW 9.5, vis 36, FL 19.2, PV 9, YP 8, solids 7%, pH 10.5, ALK 5.5/11.8, CL 12,000, Ca 32, gels 6/12, wall cake 2/32<sup>ND</sup>. CC: \$975,344.
- 12/21/94 11,010' (corr.) Circ & cond for 7" csg. Logging w/Atlas. Ran DLL, Sonic, GR, Cal & CBIL. Logger TD 11,012', temp 150°. TIH, mix & pmp LCM sweeps. Circ & cond. Lost 1500 bbls mud. MW 9.3, vis 36, FL 24.4, PV 8, YP 8, solids 6%, pH 10.2, ALK 5.2/11.1, CL 10,000, Ca 40, gels 4/7, wall cake 2/32<sup>ND</sup>. CC: \$1,029,866.
- 12/22/94 11,010' LD 4½" DP, liner top @ 6703'. Circ & cond. POOH. RU Westates & ran 93 jts 7" 26# CF-95 LT&C w/Howco shoe & float & Baker hanger & csg pkr, total 4104.61'. Turbolators 1st/5 & every other jt. TIH w/7" on 4½" DP (no tight hole). Circ & pmpd 200 bbls FW & hung liner. Cmt w/Halliburton. Pmp 20 bbls Superflush, 10 bbls FW. 1st Lead - 150 sx Silicalite w/2% Gel, 0.4% Versaset, 0.7% SCR-100, wt 12#, yld 2.02. 2nd Lead - 410 sx Silicalite w/4% Gel, 4% CaCl<sub>2</sub>, 1% EX-1, 10#/sx Gilsonite, 3#/sx Capseal, ¼#/sx Flocele, wt 10.5#, yld 3.51. 3rd Lead - 200 sx HLC w/1% EX-1, 3% Salt, ¼#/sx Flocele, 3#/sx Capseal, wt 12.4#, yld 1.97. Tail - 100 sx "H" w/0.1% HR-5, 0.4% 344, wt 16.4#, yld 1.06. Displ w/255 bbls mud. Plug bumped, floats held, good ret, job compl @ 11:30 PM 12/20/94. Rev circ w/rig pmp. PT csg pkr to 1000 psi for 15 min, ok. RU Westates & LD 4½" DP & take off pipe rubbers. MW 9.3, vis 36, FL 24.4, PV 8, YP 8, solids 6%, pH 10.2, ALK 5.2/11.1, CL 10,000, Ca 40, gels 4/7, wall cake 2/32<sup>ND</sup>. CC: \$1,154,767.

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- 12/23/94 11,010' PU 3½" DP. LD 4½" DP & 6½" DC. Change rams & PT BOP to 5000 & Hydril to 2500, ok. Cut drlg line. PU 4¾" DC & 3½" DP. MW 9.2, vis 30, FL 19.2, PV 3, YP 3, solids 5%, pH 11, ALK 5/8, CL 8,000, Ca 10, gels 0/1, wall cake 2/32<sup>ND</sup>. CC: \$1,182,867.
- 12/24/94 11,012' Drlg. 2½ hr. PU 3½" DP. Drill seal assy in liner hanger. PU 3½" DP. Install Wildcat Auto Driller. Drill cmt 10,640'-10,958'. PT csg to 1000 psi, ok. Drill float, cmt & shoe. Drlg. MW 8.9, vis 34, FL 19, PV 6, YP 5, solids 3%, pH 12.5, ALK 5/7.7, CL 8,000, Ca TR, gels 3/5, wall cake 2/32<sup>ND</sup>. CC: \$1,205,437.
- 12/25/94 11,089' PU new BHA. 77½ hrs. Drlg, RS. Drlg. POOH, ran multishot svy w/Scientific & Cutter WL. PU tools (new BHA). Wasatch 80% sh, 20% ss, BG 0, CG 0. MW 8.7, vis 36, FL 19.4, PV 8, YP 5, pH 12.5, ALK 5/7.3, CL 8,000, Ca TR, gels 3/5, wall cake 2/32<sup>ND</sup>. CC: \$1,212,687.
- 12/26/94 11,155' Drlg (directional w/Halliburton). 66½ hrs. PU BHA, RS. Test & orient tools & PU HWT DP. Test motor, MWD not working. TOOH & change pulser in MWD. TIH, orient tool. Drlg. Wasatch 80% sh, 20% ss, BG 0, CG 0, TG 0, no shows, no mud loss. Last Svy: MD 11,085.00', Incl. Angle 2.90°, Drift Dir. 168.70°, Course Lg 30.00', TVD 11,076.50', Total Rect. Coord. 376.28' S, 21.19' E, Vert. Sec. 21.19', Build Rate (°/100') 0.67, Walk Rate (°/100') -5.33, Dogleg Severity (°/100') 0.72, TF -91°. MW 8.9, vis 35, FL 16.8, PV 7, YP 6, solids 3%, pH 12, ALK 4.5/6.7, CL 8,000, Ca TR, gels 2/5, wall cake 2/32<sup>ND</sup>. CC: \$1,247,014.
- 12/27/94 11,330' Drlg. 175½ hrs. Drlg (directional), RS. Drlg. Wasatch 80% sh, 20% ss, BG 0, CG 0, no shows, no mud loss. Last Svy: MD 11,271.00', Incl. Angle 3.40°, Drift Dir. 111.80°, Course Lg 32.00', TVD 11,262.29', Total Rect. Coord. 382.81' S, 26.38' E, Vert. Sec. 26.38', Build Rate (°/100') 1.56, Walk Rate (°/100') -16.25, Dogleg Severity (°/100') 1.80, TF -34°. MW 9, vis 37, FL 8.8, PV 8, YP 6, solids 3%, pH 11.5, ALK 4.3/6.3, CL 7,600, Ca TR, gels 2/5, wall cake 1/32<sup>ND</sup>. Svy: 3.4° @ 11,271'. CC: \$1,254,596.
- 12/28/94 MD 11,560' Drlg (directional). 230½ hrs. Drlg, RS. Drlg. Wasatch 90% sh, 10% ss, BG 0, CG 0, no shows, no mud loss. Last Svy: MD 11,489.00', Incl. Angle 7.60°, Drift Dir. 99.70°, Course Lg 30.00', TVD 11,479.14', Total Rect. Coord. 387.23' S, 47.68' E, Vert. Sec. 47.68', Build Rate (°/100') 1.33, Walk Rate (°/100') 5.00, Dogleg Severity (°/100') 1.48, TF -26°. MW 9, vis 38, FL 9, PV 9, YP 7, solids 3%, pH 11.5, ALK 3.8/5.8, CL 8,000, Ca TR, gels 1/3, wall cake 1/32<sup>ND</sup>. CC: \$1,291,071.
- 12/29/94 MD 11,752' Drlg (directional). 192½ hrs. Drlg, RS. Drlg. Wasatch 70% sh, 30% ss, BG 0, CG 0, no shows, no mud loss. Last Svy: MD 11,675.00', Incl. Angle 12.00°, Drift Dir. 92.60°, Course Lg 30.00', TVD 11,662.28', Total Rect. Coord. 390.25' S, 79.72' E, Vert. Sec. 79.72', Build Rate (°/100') 2.33, Walk Rate (°/100') -4.33, Dogleg Severity (°/100') 2.49, TF -64°. MW 9, vis 37, FL 9, PV 9, YP 7, solids 3%, pH 11.2, ALK 3.6/5.6, CL 8,000, Ca TR, gels 1/3, wall cake 1/32<sup>ND</sup>. CC: \$1,316,811.
- 12/30/94 MD 11,887' Drlg (directional). 135½ hrs. Drlg, RS. Drlg. Wasatch 90% sh, 10% ss, BG 0, CG 0, no shows, no mud loss. Last Svy: MD 11,832.00', Incl. Angle 16.40°, Drift Dir. 88.30°, Course Lg 31.00', TVD 11,814.53', Total Rect. Coord. 390.40' S, 117.80' E, Vert. Sec. 117.80', Build Rate (°/100') 1.94, Walk Rate (°/100') -5.48, Dogleg Severity (°/100') 2.46, TF 52°. MW 9, vis 37, FL 8.8, PV 9, YP 7, solids 3%, pH 11, ALK 3.4/5.3, CL 7,500, Ca TR, gels 1/3, wall cake 1/32<sup>ND</sup>. CC: \$1,332,073.
- 12/31/94 MD 11,940' Drlg (directional). Drlg, RS. Drlg. Trip to change bent sub from 1¼° to 1½° - service MWD & PU 6 DC. W&R 45' to btm, 4' fill. Drlg. Wasatch 90% sh, 10% ss, BG 0, CG 0, TG 0, no shows, no mud loss. 5000 drag up & down. Last Svy: MD 11,863.00', Incl. Angle 16.60°, Drift Dir. 89.20°, Course Lg 31.00', TVD 11,844.26', Total Rect. Coord. 390.21' S, 126.60' E, Vert. Sec. 126.60', Build Rate (°/100') 0.65, Walk Rate (°/100') 2.90, Dogleg Severity (°/100') 1.05, TF 13°. MW 9, vis 39, FL 8.8, PV 12, YP 8, solids 3%, pH 11, ALK 3/4.6, CL 7,000, Ca 20, gels 1/3, wall cake 1/32<sup>ND</sup>. CC: \$1,351,549.

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1/1/95 MD 12,030' Drlg (directional). 90'/23½ hrs. Drlg, RS. Drlg. Wasatch 90% sh, 10% ss, BG 2, CG 4. Show #43 11,936-48', P/R 15-3-8, F/G 0-20-2, no oil, fluor, or cut. No mud loss. 5000 drag up & down. Last Svy: MD 11,964.00', Incl. Angle 21.40°, Drift Dir. 89.20°, Course Lg 32.00', TVD 11,939.74', Total Rect. Coord. 389.94' S, 159.39' E, Vert. Sec. 159.39', Build Rate (°/100') 3.13, Walk Rate (°/100') -0.31, Dogleg Severity (°/100') 3.13, TF 9°. MW 9, vis 37, FL 8.6, PV 10, YP 6, solids 3%, pH 11, ALK 3/4.6, CL 6,000, Ca 12, gels 1/3, wall cake 1/32<sup>ND</sup>. CC: \$1,368,897.

1/2/95 MD 12,110' Drlg (directional). 80'/23½ hrs. Drlg, RS. Drlg. Wasatch 90% sh, 10% ss, BG 2, CG 4. Show #44 12,020-26', P/R 20-3-20, F/G 2-15-20, no oil, fluor, or cut. No mud loss. 5000 drag up & down. Last Svy: MD 12,056.00', Incl. Angle 25.10°, Drift Dir. 89.00°, Course Lg 30.00', TVD 12,024.27', Total Rect. Coord. 389.56' S, 195.68' E, Vert. Sec. 195.68', Build Rate (°/100') 4.67, Walk Rate (°/100') -1.00, Dogleg Severity (°/100') 4.68, TF 12°. MW 9, vis 37, FL 8.8, PV 9, YP 5, solids 3%, pH 11, ALK 3/4.8, CL 6,800, Ca TR, gels 1/2, wall cake 1/32<sup>ND</sup>. CC: \$1,391,644.

1/3/95 MD 12,204' Drlg (directional). 94'/23½ hrs. Drlg, RS. Drlg. Wasatch 90% sh, 10% ss, BG 2, CG 4, no shows. No mud loss. Drag is 10,000 up & down. Last Svy: MD 12,149.00', Incl. Angle 31.10°, Drift Dir. 90.60°, Course Lg 31.00', TVD 12,106.37', Total Rect. Coord. 389.82' S, 239.27' E, Vert. Sec. 239.27', Build Rate (°/100') 6.77, Walk Rate (°/100') -2.26, Dogleg Severity (°/100') 6.87, TF -3°. MW 9, vis 37, FL 8.6, PV 9, YP 5, solids 3%, pH 11, ALK 3.1/5.2, CL 6,000, Ca 20, gels 1/2, wall cake 1/32<sup>ND</sup>. CC: \$1,406,484.

1/4/95 MD 12,238' Drlg (directional). 34'/7 hrs. Drlg. Trip for motor & bit. Work tight spots 11,498'-11,883'. W&R 11,883'-12,208'. Drlg. Wasatch 90% sh, 10% ss, BG 2, CG 4, TG 10, no shows. No mud loss. Drag 10,000 up & down. Last Svy: MD 12,180.00', Incl. Angle 33.30°, Drift Dir. 90.40°, Course Lg 31.00', TVD 12,132.60', Total Rect. Coord. 389.96' S, 255.79' E, Vert. Sec. 255.79', Build Rate (°/100') 7.10, Walk Rate (°/100') -0.65, Dogleg Severity (°/100') 7.11, TF -23°. MW 9, vis 38, FL 8.7, PV 10, YP 6, solids 3%, pH 11, ALK 3/4.8, CL 6,000, Ca TR, gels 1/2, wall cake 1/32<sup>ND</sup>. CC: \$1,440,516.

1/5/95 MD 12,353' Drlg (directional). 115'/23½ hrs. Drlg, RS. Drlg. Wasatch 70% sh, 20% ls, 10% ss, BG 2, CG 4, no shows. No mud loss. Drag 10,000-15,000 up & down. Last Svy: MD 12,303.00', Incl. Angle 37.50°, Drift Dir. 89.70°, Course Lg 30.00', TVD 12,232.86', Total Rect. Coord. 390.04' S, 327.01' E, Vert. Sec. 327.01', Build Rate (°/100') 4.67, Walk Rate (°/100') -3.00, Dogleg Severity (°/100') 5.00, TF -17°. MW 9, vis 37, FL 8.4, PV 9, YP 5, solids 3%, pH 11, ALK 2.8/4.8, CL 6,000, Ca TR, gels 1/2, wall cake 1/32<sup>ND</sup>. CC: \$1,457,378.

1/6/95 MD 12,471' Drlg (directional). 118'/23½ hrs. Drlg, RS. Drlg. Wasatch 80% sh, 10% ls, 10% ss, BG 2, CG 4, no shows. No mud loss. Drag 15,000 up & down. Last Svy: MD 12,429.00', Incl. Angle 40.60°, Drift Dir. 89.40°, Course Lg 31.00', TVD 12,330.89', Total Rect. Coord. 389.26' S, 406.14' E, Vert. Sec. 406.14', Build Rate (°/100') 3.87, Walk Rate (°/100') 0.32, Dogleg Severity (°/100') 3.88. MW 9, vis 37, FL 8.6, PV 9, YP 7, solids 3%, pH 11, ALK 2.6/4.8, CL 6,000, Ca 40, gels 1/2, wall cake 1/32<sup>ND</sup>. CC: \$1,472,186.

1/7/95 MD 12,485' W&R @ 11,791'. 14'/2 hrs. Drlg. Trip for packed hole assy. Cut drlg line. TIH, tag @ 11,150'. W&R 11,150'-11,791'. Wasatch 80% sh, 10% ls, 10% ss, BG 2, CG 4, no shows. No mud loss. MW 9, vis 38, FL 8.2, PV 10, YP 6, solids 3%, pH 11, ALK 3.2/5.2, CL 6,000, Ca 32, gels 1/2, wall cake 1/32<sup>ND</sup>. CC: \$1,499,645.

1/8/95 MD 12,485' W&R @ 12,485'. W&R 11,791'-TD @ 12,485'. Wasatch, BG 2, CG 4, no mud loss. MW 9, vis 38, FL 8, PV 10, YP 7, solids 3%, pH 11, ALK 2.1/4.2, CL 5,800, Ca 32, gels 1/2, wall cake 1/32<sup>ND</sup>. CC: \$1,514,206.

1/9/95 MD 12,557' Drlg. 72'/11½ hrs. Drlg. Short trip 17 stds (no tight hole), RS. Circ. trip for motor & new bit. W&R 29' to btm, no fill. Drlg. Wasatch 90% sh, 10% ss, BG 2, CG 4, TG 10, no shows. No mud loss. MW 9.2, vis 40, FL 8, PV 12, YP 9, solids 4%, pH 10.8, ALK 2.6/4.6, CL 6,000, Ca 32, gels 1/2, wall cake 1/32<sup>ND</sup>. CC: \$1,539,071.

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- 1/10/95 MD 12,614' Drlg. 57'/11 hrs. Drlg. svy. Drlg to 12,593'. Trip motor failed, ran packed hole assy, tight @ 12,440'. W&R 12,440'-TD @ 12,593'. Drlg. Wasatch 90% sh, 10% ss, BG 2, CG 4, TG 8, no shows. No mud loss. Last Single-Shot Svy: MD 12,528', Hole Angle 40.50°, TVD 12,406.12', V.S. Dist. 470.31' S, Hole Dir. 89.00° E, Total Lat. 392.25' S, Coordinates Dep. 470.31' E, Closures Distance 612.41' S, Closures Dir 50.1708° E, Dogleg Severity (°/100') 1.06. MW 9.2, vis 39, FL 8, PV 11, YP 10, solids 4%, pH 10.8, ALK 2.4/4.2, CL 6,000, Ca 40, gels 1/2, wall cake 1/32<sup>nd</sup>. CC: \$1,555,641.
- 1/11/95 MD 12,747' Drlg. 133'/21½ hrs. Drlg. svy @ 12,610'. Drlg. RS. Drlg. svy @ 12,704'. Drlg. Wasatch 90% sh, 10% ss, BG 2, CG 4, no shows. No mud loss. Last Single-Shot Svy: MD 12,704', Hole Angle 40.00°, TVD 12,540.71', V.S. Dist. 583.68' S, Hole Dir. 88.50° E, Total Lat. 394.99' S, Coordinates Dep. 583.68' E, Closures Distance 704.77' S, Closures Dir 55.9129° E, Dogleg Severity (°/100') 0.00. MW 9.2, vis 39, FL 7.8, PV 11, YP 8, solids 4%, pH 10.5, ALK 2.1/4.2, CL 6,000, Ca 24, gels 1/2, wall cake 1/32<sup>nd</sup>. CC: \$1,567,658.
- 1/12/95 MD 12,856' Drlg. 109'/22½ hrs. Drlg. RS. Drlg. svy. Drlg. Wasatch 90% sh, 10% ss, BG 2, CG 4, no shows. No mud loss. Last Single-Shot Svy: MD 12,798', Hole Angle 41.50°, TVD 12,611.92', V.S. Dist. 644.97' S, Hole Dir. 86.50° E, Total Lat. 397.68' S, Coordinates Dep. 644.97' E, Closures Distance 757.71' S, Closures Dir 58.3425° E, Dogleg Severity (°/100') 2.12. MW 9.2, vis 38, FL 7.8, PV 10, YP 8, solids 4%, pH 10.5, ALK 2.1/4.2, CL 6,000, Ca 32, gels 1/2, wall cake 1/32<sup>nd</sup>. CC: \$1,576,408.
- 1/13/94 MD 13,012' POOH for mud motor. 156'/19½ hrs. Drlg. RS. Drlg. svy. Drlg. svy. POOH. Wasatch 90% sh, 10% ss, BG 2, CG 4, no shows. No mud loss. Last Single-Shot Svy: MD 12,952', Hole Angle 43.00°, TVD 12,726.27', V.S. Dist. 747.96' S, Hole Dir. 86.00° E, Total Lat. 403.26' S, Coordinates Dep. 747.96' E, Closures Distance 849.74' S, Closures Dir 61.6686° E, Dogleg Severity (°/100') 2.30. MW 9.2, vis 38, FL 7.4, PV 10, YP 8, solids 4%, pH 10.5, ALK 1.8/2.9, CL 6,000, Ca 32, gels 1/2, wall cake 1/32<sup>nd</sup>. CC: \$1,586,499.
- 1/14/95 MD 13,201' Drlg w/mud motor. 189'/14½ hrs. Trip for mud motor. W&R 25' to btm. Drlg. svy. Drlg. Wasatch 90% sh, 10% ss, BG 50, CG 200. Show #45 13,110-20', P/R 4½-3-4, F/G 2-450-50, TR oil, TR fluor, wk cut. No mud loss. Last Single-Shot Svy: MD 13,058', Hole Angle 44.00°, TVD 12,803.16'. V.S. Dist. 820.76' S, Hole Dir. 86.50° E, Total Lat. 408.03' S, Coordinates Dep. 820.76' E, Closures Distance 916.59' S, Closures Dir 63.5664° E, Dogleg Severity (°/100') 1.00. MW 9.2, vis 38, FL 7.4, PV 10, YP 8, solids 4%, pH 10.2, ALK 1.6/3.7, CL 5,800, Ca 4, gels 1/2, wall cake 1/32<sup>nd</sup>. CC: \$1,605,293.
- 1/15/95 MD 13,449' Drlg w/mud motor. 248'/19½ hrs. Svy, Drlg. Svy, Drlg. Svy, Drlg. Svy, Drlg. Wasatch 100% sh, BG 75, CG 160, Svy G 850. Show #46 13,296-308', P/R 2-1½-2, F/G 50-150-75, no oil, TR fluor, wk cut. Drag 20,000 up & down. Last Single-Shot Svy: MD 13,337', Hole Angle 32.50°, TVD 13,047.60', V.S. Dist. 960.47' S, Hole Dir. 82.50° E, Total Lat. 422.88' S, Coordinates Dep. 960.47' E, Closures Distance 1049.44' S, Closures Dir 66.2367° E, Dogleg Severity (°/100') 1.24. MW 9.3, vis 38, FL 8.1, PV 11, YP 6, solids 5%, pH 10, ALK 1.6/3.5, CL 5,600, Ca 32, gels 1/2, wall cake 1/32<sup>nd</sup>. CC: \$1,622,895.
- 1/16/95 MD 13,605' Drlg. 156'/21 hrs. Drlg. svy @ 13,400'. Drlg. svy @ 13,423'. Drlg. Wasatch 100% sh, BF 90, CG 150. Show #47 13,478-82', P/R 20-4-17, F/G 75-280-90, no oil, TR fluor, wk cut. No mud loss. Drag 30,000 up & down. Last Single-Shot Svy: MD 13,493', Hole Angle 30.00°, TVD 13,180.95', V.S. Dist. 1040.61' S, Hole Dir. 82.50° E, Total Lat. 434.15' S, Coordinates Dep. 1040.61' E, Closures Distance 1127.55' S, Closures Dir 67.3537° E, Dogleg Severity (°/100') 1.70. MW 9.3, vis 38, FL 8.2, PV 11, YP 7, solids 5%, pH 10, ALK 1.2/3, CL 5,800, Ca 32, gels 1/2, wall cake 1/32<sup>nd</sup>. CC: \$1,637,006.
- 1/17/95 MD 13,808' Drlg w/mud motor. 203'/21 hrs. Drlg. svy @ 13,584'. Drlg. svy @ 13,678'. Drlg. Wasatch 100% sh, BG 100, CG 200, Svy G 800. Show #48 13,738-70', P/R 5½-2½-6½, F/G 90-150-100, no oil, TR fluor, no cut. No mud loss. Drag 30,000 up & down. Last Single-Shot Svy: MD 13,678', Hole Angle 29.00°, TVD 13,341.57', V.S. Dist. 1131.22' S, Hole Dir. 79.00° E, Total Lat. 448.70' S, Coordinates Dep. 1131.22' E, Closures Distance 1216.96' S, Closures Dir 68.3639° E, Dogleg Severity (°/100') 1.49. MW 9.3, vis 38, FL 8.2, PV 10, YP 6, solids 5%, pH 9.8, ALK 1.3/3.3, CL 5,800, Ca 24, gels 1/2, wall cake 1/32<sup>nd</sup>. CC: \$1,648,755.

**ANR PRODUCTION COMPANY  
CHRONOLOGICAL HISTORY**

**TITE HOLE**

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**UTE #2-33B6**  
Altamont Field  
Duchesne County, UT

- 1/18/95 MD 13,962' Drlg w/mud motor. 154'/20½ hrs. Drlg, svy @ 13,772'. Drlg, RS. Drlg, svy @ 13,863'. Drlg. Wasatch 100% sh, BG 100, CG 200, Svy G 800, no shows. No mud loss. Drag 40,000 up, 30,000 down. Last Single-Shot Svy: MD 13,863', Hole Angle 27.50°, TVD 13,504.71', V.S. Dist. 1216.06' S, Hole Dir. 74.50' E, Total Lat. 468.80' S, Coordinates Dep. 1216.06' E, Closures Distance 1303.29' S, Closures Dir 68.9177' E, Dogleg Severity (°/100') 1.16. MW 9.3, vis 38, FL 7.8, PV 11, YP 6, solids 5%, pH 9.8, ALK 1/3, CL 5,800, Ca 24, gels 1/2, wall cake 1/32<sup>ND</sup>. CC: \$1,661,666.
- 1/19/95 MD 13,974' W&R @ 13,728'. 12'/4½ hrs. Drlg. TFNB, LD motor & PU 3 pt reamer. Cut drlg line. TIH, tight @ 13,450'. W&R 13,450'-13,728'. Wasatch 100% sh, BG 100, CG 150, TG 1200, no shows. No mud loss. Drag 15,000 up & down. MW 9.4, vis 40, FL 7.8, PV 11, YP 8, solids 6%, pH 10, ALK 1/3, CL 5,700, Ca 32, gels 1/2, wall cake 1/32<sup>ND</sup>. CC: \$1,700,902.
- 1/20/95 MD 14,140' Circ. 166'/17 hrs. W&R 13,728'-13,974'. Drlg, RS. Drlg, svy @ 13,986'. Drlg. Circ btms up. Wasatch 90% sh, 10% ss, BG 50, CG 125, no shows. No mud loss. Drag 35,000 up, 30,000 down. Last Single-Shot Svy: MD 13,986', Hole Angle 25.00°, TVD 13,615.02', V.S. Dist. 1268.08' S, Hole Dir. 71.50' E, Total Lat. 484.64' S, Coordinates Dep. 1268.08' E, Closures Distance 1357.53' S, Closures Dir 69.0838' E, Dogleg Severity (°/100') 2.30. MW 9.6, vis 40, PV 12, YP 8, solids 7%, pH 10, ALK 0.8/2.8, CL 5,600, Ca 32, gels 1/3. CC: \$1,711,151.
- 1/21/95 MD 14,140' W&R @ 13,923'. Circ, svy. Circ, short trip 32 stds. 1st 12 stds 30-40,000 drag coming out, set down @ 13,046' going in hole. W&R 13,046'-13,923'. BG 50, TG 800. No mud loss. Last Single-Shot Svy: MD 14,140', Hole Angle 23.36°, TVD 13,755.50', V.S. Dist. 1327.75' S, Hole Dir. 70.70' E, Total Lat. 505.07' S, Coordinates Dep. 1327.75' E, Closures Distance 1420.57' S, Closures Dir 69.1733' E, Dogleg Severity (°/100') 1.08. MW 9.8, vis 40, FL 7, PV 13, YP 9, oil 1%, solids 7%, pH 10, ALK 0.8/2.7, CL 5,600, Ca 32, gels 1/3, wall cake 1/32<sup>ND</sup>. CC: \$1,728,624.
- 1/22/95 MD 14,140' Logging. W&R 13,923'-14,140'. Circ. Try to POOH, tight @ 14,140'. PU Kelly & ream back to btm. Circ & inc MW to 9.9+. POOH slow, chained out 1st 20 stds. RU Atlas WL & ran DLL, GR, Digital Acoustic & Cal. Set down @ 13,621' & wouldn't go. Logged out. MW 9.9, vis 42, FL 7, PV 17, YP 8, oil 1%, solids 8%, pH 9.8, ALK 0.7/2.5, CL 5,500, Ca 32, gels 1/3, wall cake 1/32<sup>ND</sup>. CC: \$1,746,858.
- 1/23/95 MD 14,140' POOH. Logging w/Atlas DLL, GR, Digital Acoustic & Cal from 13,621'. RS, TIH. W&R 13,632'-13,723'. POOH. Wasatch, BG 5, TG 60. Lost 150 bbls mud to seepage. MW 9.9, vis 42, FL 7, PV 15, YP 10, oil 1%, solids 9%, pH 9.5, ALK 0.7/2.5, CL 5,300, Ca 44, gels 1/3, wall cake 1/32<sup>ND</sup>. CC: \$1,757,346.
- 1/24/95 MD 14,140' Reaming @ 13,960'. POOH & PU BHA, RS. TIH, W&R 13,610'-13,960'. Wasatch, BG 5, CG 30. Lost 100 bbls mud to seepage. MW 9.9, vis 43, FL 8, PV 16, YP 10, oil 1%, solids 9%, pH 10, ALK 0.8/2.6, CL 5,300, Ca 40, gels 1/3, wall cake 1/32<sup>ND</sup>. CC: \$1,797,845.
- 1/25/95 MD 14,140' Logging w/Atlas (Induction). W&R 13,960'-14,140'. Circ & cond for logs. POOH. RU Atlas & ran DLL, GR & Digital Acoustic to 13,851'. Sonic failed. Reran Induction to 13,873'. No mud loss. MW 10.1, vis 40, FL 8, PV 17, YP 8, oil 1%, solids 10%, pH 9, ALK 0.4/2.6, CL 5,000, Ca 4, gels 1/3, wall cake 1/32<sup>ND</sup>. CC: \$1,822,895.
- 1/26/95 MD 14,140' POOH to run liner. Logging CBIL TD 12,670', logged 12,405'-11,000'. Cut drlg line. TIH, tag centralizer @ 12,675' & pushed it to btm. W&R 68' to btm. Circ & cond. POOH. No mud loss. MW 10.1, vis 43, FL 8.8, PV 15, YP 8, oil 1%, pH 9, ALK 0.2/2.8, CL 4,500, Ca 80, gels 1/3, wall cake 1/32<sup>ND</sup>. CC: \$1,914,429.
- 1/27/95 MD 14,140' TIH. Liner top @ 10,668'. RU T&M Casers & ran 80 jts 5" 18# CF-95 w/Hydril 521 w/Baker diff shoe & float in top of 1st jt & Baker hanger, total string 3467.75', turbolators on every jt & trip liner in on 3½" DP to btm. Circ & cond. RU Halliburton & pmp 10 bbls mud flush, 255 bbls Brine @ 9.5#, 10 bbls FW & hung liner. Cmt w/200 sx HLC w/0.6% Halad 322, 0.4% Halad 344, 0.5% HR-5 & 2#/sx Granulite, wt 12.4, yld 1.90. Tail w/160 sx 50-50 Poz w/0.6% CFR-3, 0.7% Halad 344, 0.2% CBL, 0.3% HR-5 & 2#/sx Granulite, wt 14.2, yld 1.17. Disp w/110 bbls Brine @ 9.5# & 21 bbls mud @ 10.1#, full returns. Bumped plug, floats held. POOH (cmt in place 11:00 PM 1/26/95). TIH w/6½" bit & csg scraper. MW 10.1, vis 40, FL 9.6, PV 15, YP 7, oil 1%, solids 11%, pH 9, ALK 0.2/3, CL 4,000, Ca 88, gels 2/3, wall cake 1/32<sup>ND</sup>. CC: \$2,023,434.

**ANR PRODUCTION COMPANY  
CHRONOLOGICAL HISTORY**

**TITE HOLE**

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UTE #2-33B6  
Altamont Field  
Duchesne County, UT

1/28/95 MD 14,140' PU 2 $\frac{1}{8}$ " DP. WO cmt & clean mud tanks. TIH to 10,648' & wash 20' to btm. Liner top @ 10,668'. Circ. POOH 112 stds. LD 3 $\frac{1}{2}$ " DP & 4 $\frac{3}{4}$ " DC. PU 2 $\frac{1}{8}$ " PAC DC & DP. CC: \$2,041,327.

1/29/95 MD 14,140' POOH. PU 2 $\frac{1}{8}$ " PAC DP & DC & TIH to 10,668'. Drill seal assy out of liner hanger. TIH, tag cmt @ 13,984'. Drill cmt from 13,984' to float @ 14,086'. POOH. MW 8.5, vis 27. CC: \$2,048,409.

1/30/95 MD 14,140' Running bond log w/OWP. WO 4 $\frac{1}{4}$ " mill. PT csg to 1900 psl, held for 10 mins, leaked off to 1500. Press up to 1900 psi, leaked off to 1200 & stopped in 10 mins. TIH, circ w/wtr. Reverse circ w/filtered prod wtr. POOH. RU OWP & run bond logs. CC: \$2,061,025.

1/31/95 MD 14,140' POOH w/csg pkr. Ran bond log w/OWP. TIH w/CO mill to 10,668'. CO liner hanger. POOH, RS & drain mud system. TIH w/csg pkr. Try to set pkr seal assy, wouldn't go into receptacle. POOH. CC: \$2,074,911.

2/1/95 MD 14,140' Working stuck tools @ 13,969'. TIH w/Baker tie back mill. Work mill inside tie back sleeve. POOH. TIH w/Baker csg pkr. Set pkr & test to 2000 psi. POOH. ND rot hd & NU pack off for Atlas. Logging w/Atlas WL. Digital Acoustic & GR - tools went to btm w/no drag, intermittent tight spots, coming up pulled tight @ 13,969'. CC: \$2,107,823.

2/2/95 MD 14,140' TIH w/overshot. Work stuck logging tools, try to pull out of rope socket w/rig blocks & parted line @ clamp, 13,920' wire in hole. ND pack off & NU rot hd. Cut drlg line. PU WL spear & TIH to 790' & tag wire. Work spear & POOH w/wire clamped off & pulled rope socket & spooled onto Atlas truck. PU 3 $\frac{3}{4}$ " overshot w/2 $\frac{1}{2}$ " catch bumper sub & jar & TIH. Fish @ 13,920', Atlas Digital Acoustic & GR. Prod wtr. CC: \$2,115,590.

2/3/95 MD 14,140' POOH. TIH w/overshot, fishing. POOH w/logging tools. LD fish & fishing tools. TIH w/csg scraper & flat btm mill. Rev circ w/filtered prod wtr. POOH to log. Prod wtr. CC: \$2,140,391.

2/4/95 MD 14,140' Logging. POOH to log. ND rot hd & NU pack off. RU Schlumberger & ran Digital Sonic/GR. Schlumberger had 2 misrun tools fail, brought new tools from Vernal, logged from 14,060'. CC: \$2,154,901.

2/5/95 MD 14,140' LD 3 $\frac{1}{2}$ " DP. Logging w/Schlumberger, Digital Sonic & GR 14,060'-10,658'. LD 2 $\frac{1}{8}$ " DP. LD 3 $\frac{1}{2}$ " DP. CC: \$2,175,004.

2/6/95 MD 14,140' WOO. ND 13 $\frac{3}{8}$ " BOP & NU 6" BOP & test to 5000. WOO. CC: \$2,197,651.

2/7/95 MD 14,140' RU OWP. Order out tbq, unload & strap same. PU 2 $\frac{1}{8}$ ", 342 jts, 10,597', POOH. Stand back same. CC: \$2,205,563.

2/8/95 PU 2 $\frac{1}{8}$ " tbq.  
Perf Wasatch w/3 SPF, 120° phasing, 3 $\frac{1}{8}$ " csg guns @ 12,076'-14,030' (693 holes):

Run #	Depth	Feet	Holes	PSI
1	14,030-13,817'	26	78	0
2	13,811-13,617'	26	78	0
3	13,614-13,410'	26	78	0
4	13,398-13,223'	26	78	0
5	13,219-13,026'	26	78	0
6	13,019-12,781'	26	78	0
7	12,776-12,559'	25	75	0
8	12,546-12,321'	25	75	0
9	12,306-12,076'	25	75	0
Total		231'	693	

ANR PRODUCTION COMPANY  
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-33B6  
Altamont Field  
Duchesne County, UT

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- 2/8/95 (cont.) SITP 0# after perf'g. RIH w/5" DB pkr, set @ 10,760' w/0# on well. RIH w/seal assembly, on-off tool & 2 7/8" tbg. Reverse out w/100 bbls prod wtr. Latch into pkr @ 10,760' & load w/15,000# tension. PU 2 7/8" mule shoe. RIH w/2 7/8" DSS-HT heat string tbg to 5000'. CC: \$2,259,954
- 2/9/95 Flowing well.  
PU 190 jts 2 7/8" DSS-HT heat string tbg to 5981'. ND BOP's. NU tree. Pressure tbg to 2450#. RIH & break glass KO-plug in pkr @ 10,750'. Pressure dropped to 1100#. RIH to 10,850' w/WL tools - tbg open. Bled off well - 0#. RU to swab. Swbd 2 hrs, rec 30 BW, FFL 5000', no flow. RU Dowell & acidize Wasatch perfs from 14,030'-12,076' w/21,000 gal 15% HCl w/additives, 800 SCF N<sub>2</sub>/bbl, BAF, rock salt, RA-tags & 760 - 1.1 BS's. MTP 9100#, ATP 8750#, MTR 20.6 BPM, ATR 16 BPM. ISIP 4200#. 15 min SIP 3150#. Had good diversion, 790 BLWTR. RD Dowell. Open @ 9:30 PM, 2/8/95 on 29/64" chk, SIP 2500#. This AM FARO 1272 BFPD, 50% oil cut (increasing), FTP 250#, 39/64" chk, 639 BLTR. CC: \$2,351,221
- 2/10/95 Flow testing well.  
Flow & swab 104 BO, 176 BW, FTP 50-100#, 1" chk, present oil cut 50%. Parker rig #232 released @ 7:00 PM on 2/9/95. CC: \$2,354,902
- 2/11/95 Flow & swab 104 BO, 176 BW/24 hrs, 1" chk, FTP 50-100#, final oil cut 55%. Set BPV in tree, SI well @ 7:00 PM on 2/10/95. Final report on drill & complete AFE #00468. CC: \$2,354,902

ANR PRODUCTION COMPANY  
CHRONOLOGICAL HISTORY

TITE HOLE

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UTE #2-3386 (INSTALL SURFACE FACILITIES)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UTAH  
WI: 100% ANR AFE: 00469  
MD: 14.140' PBD: 14.086'  
5" Liner @ 10.658'-14.138'  
Perfs: 12.076'-14.030' (Wasatch)  
CWC(M\$): 334.5

2/12-14/95 RDMO drlg rig.

2/15/95 RDMO drlg rig.  
Poured forms for pmpg unit. haul gravel for base.

2/16/95 Install pmpg unit.  
Setting anchors. MI completion unit. RDMO drlg rig.

2/17/95 RU rig.  
Set anchors. build pumping unit pad & set Rotaflex pumping unit. CC:  
\$4,000

2/18/95 POOH w/2 1/2".  
RU General Well Service #102. Pump 60 BW down tbq. ND WH. Put back  
pressure valve into 2 1/2". NU BOP. LD 190 jts 2 1/2" DSS-HT tbq. ND  
BOP. Remove 2 1/2" back pressure valve. RU Delsco to run VV valve in  
pkr. RD Delsco. Got off on-off tool. POOH w/40 jts 2 1/2" N-80 8rd  
tbq. CC: \$8,425

2/19/95 LD 2 1/2" tbq.  
POOH w/305 jts 2 1/2" N-80 8rd. Threads were galled. ND BOP & dual  
string WH. NU single string csg head. Inspected thread on N-80 8rd  
by P.R.S. P.R.S. recommending not to run again. Will PU replacement  
string. CC: \$19,633

2/20/95 RIH w/prod tbq.  
LD 338 jts 2 1/2" 8rd tbq. PU & RIH w/BHA, 7" TAC, 4' sub, 2 1/2" perf jt.  
2 1/2" solid plug, 1-jt 2 1/2", 4 1/2" PBGA, 6' 2 1/2" sub & SN. PU & RIH w/201  
jts 2 1/2" N-80 tbq to 6518'. CC: \$24,643

2/21/95 Prep to place on pump.  
PU 105 jts 2 1/2" N-80 8rd (yellow band). ND BOP. Set 7" TAC @  
10,519'. SN @ 10,403'. Landed 2 1/2" in 20,000# tension. NU WH. PU 2"  
pump, 8 - 1", 148 - 3/4", 140 - 1/2", 131 - 1". CC: \$208,120

2/22/95 Well on pump.  
Space out rods. RD General Well Service rig #102. Place well on  
pump. CC: \$320,000

2/22/95 Pmpd 189 BO, 294 BW, 0 MCF, 4.8 SPM.

2/23/95 Pmpd 141 BO, 382 BW, gas flared, 4.8 SPM.  
MO rig.

2/24/95 Pmpd 111 BO, 356 BW, gas flared, 4.7 spm.  
Ran dyno, FL @ 4,991'.

2/25/95 Pmpd 131 BO, 262 BW, gas flared, 4.8 spm.  
Ran dyno, FL @ 5,417'.

2/26/95 Pmpd 162 BO, 265 BW, gas flared, 4.8 spm.  
Ran dyno, FL @ 5,928'. Pmpd 100 bbls hot water & 50 bbls diesel down  
annulus.

2/27/95 Pmpd 130 BO, 211 BW, gas flared, 4.8 spm.

ANR PRODUCTION COMPANY  
CHRONOLOGICAL HISTORY

TITE HOLE

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UTE #2-3386 (INSTALL SURFACE FACILITIES)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UTAH  
WI: 100% ANR AFE: 00469

2/28/95 Pmpd 146 BO, 152 BW, gas flared, 4.8 SPM.  
3/1/95 Pmpd 180 BO, 149 BW, gas flared, 4.8 spm. Check FL. FL @ 9057'.  
3/2/95 Pmpd 174 BO, 140 BW, gas flared, 4.8 SPM.  
3/3/95 Pmpd 95 BO, 69 BW, gas flared, 4.8 spm.  
3/4/95 Pmpd 67 BO, 73 BW, gas flared, 4.8 spm.  
3/5/95 Prep to POH & check for fill.  
Pmpd 57 BO, 67 BW, gas flared, 4.8 spm. Ran dyno. FL @ 10,200' (SN @ 10,372') - well pmpd off. Final report on this AFE.

Expires: February 25, 1995

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO.	
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	14-20-H62-2493	
2. NAME OF OPERATOR						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
ANR Production Company						Ute	
3. ADDRESS AND TELEPHONE NO.						7. UNIT AGREEMENT NAME	
P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476						N/A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						8. FARM OR LEASE NAME, WELL NO.	
At surface 1796' FNL & 2541' FEL						Ute #2-33B6	
At top prod. interval reported below 2185' FNL & 2346' FEL ✓						9. API WELL NO.	
At total depth 2280' FNL & 1273 FEL ✓ 2296 1213 per film						43-013-31445	
14. PERMIT NO.						10. FIELD AND POOL, OR WILDCAT	
43-013-31445						Altamont	
DATE ISSUED						11. SEC. T., R., M., OR BLOCK AND SURVEY	
6/2/94						OR AREA	
12. COUNTY OR PARISH						SW/NE	
Duchesne						Section 33, T2S-R6W	
13. STATE							
Utah							
15. DATE SPUDDED						19. ELEV. CASINGHEAD	
11/6/94							
16. DATE T.D. REACHED							
1/20/95							
17. DATE COMPL. (Ready to prod.)							
2/22/95							
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*							
7352' GR							
20. TOTAL DEPTH, MD & TVD						23. INTERVALS DRILLED BY	
14,140' 13756' 14,086'						rotary	
21. PLUG BACK T.D., MD & TVD						ROTARY TOOLS	
						CABLE TOOLS	
22. IF MULTIPLE COMPL., HOW MANY*							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
12,076' - 14,030' Wasatch						yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
DLL/Softic/Gr, CBIL, CBL mud 1-30-95						no	

28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
20"		104'	24"	SEE ATTACHED CEMENTING RECORD	11 bbls to surf.
13-3/8"	54.5#	1,200'	17-1/2"	RECORD	55 bbls to surf.
9-5/8"	40#	7,200'	12-1/4"		
7"	26#	11,008'	8-3/4"		

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	10,668'	14,138'	360 SK				

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Perf Wasatch w/3 SPF, 3-1/8" guns @ 12,076' - 14,030' (693 holes)		DEPTH INTERVAL (MD)	
SEE ATTACHED PERFORATING RECORD		12076-14030'	
		AMOUNT AND KIND OF MATERIAL USED	
		21,000 gal 15% HCl w/additives	

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
2/22/95		pumping				producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL	GAS-OIL RATIO
3/5/95	24	open		67	0	73	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL	OIL GRAVITY--API (CORR.)	
--	--	--					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
flared							

35. LIST OF ATTACHMENTS	
Chronological history, cementing record, perforating record	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.	
SIGNED <u>Bonnie Johnston</u>	TITLE <u>Senior Environmental Analyst</u>
DATE <u>06/07/95</u>	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Lower Green River Wasatch	8,730' 10,242'	

# CEMENTING RECORD

UTE #2--B6

## Casing Size

## Cement Record

20"	350 sx Type V w/2% $\text{CaCl}_2$ and 1/4#/sx Flocele, wt 15.6, yld 1.18
13-3/8"	Lead: 640 sx HLC w/3% $\text{CaCl}_2$ & 1/4#/sx Flocele, wt 12.4, yld 1.97 Tail: 580 sx Type V w/2% $\text{CaCl}_2$ & 1/4#/sx Flocele, wt 15.6, yld 1.18
9-5/8"	Lead 1: 300 sx Xtreme Lite w/4% gel, 4% $\text{CaCl}_2$ , 1% EX-1, 10 #/sx Gilsonite, 1/4#/sx flocele & 3#/sx Capseal, wt 10.1, yld 4.59 Lead 2: 200 sx HLC w/1% EX-1, 3% salt, 1/4#/sx Flocele, 3#/sx Capseal, wt 12.7, yld 1.83 Tail: 205 sx Type V w/2% $\text{CaCl}_2$ & 1/4#/sx Flocele, wt 15.6, yld 1.18
7"	Lead 1: 150 sx Silicalite w/2% gel, 0.4% Versaset, 0.7% SCR-100, wt 12#, yld 2.02 Lead 2: 410 sx Silicalite w/4% gel 4% $\text{CaCl}_2$ , 1% EX-1, 10 #/sx Gilsonite, 3#/sx Capseal, 1/4#/sx Flocele, wt 10.5 #, yld 3.51 Lead 3: 200 sx HLC w/1% EX-1, 3% salt, 1/4#/sx Flocele, 3#/sx Capseal, wt 12.4, yld 1.97 Tail: 100 sx "H" w/0.1% HR-5, 0.4% 344, wt 16.4, yld 1.06

PERFORATING RECORD  
UTE #2-33B6

<u>Run #</u>	<u>Depth</u>	<u>Feet</u>	<u>Holes</u>
1	14,030-13,817'	26	78
2	13,811-13,617'	26	78
3	13,614-13,410'	26	78
4	13,398-13,223'	26	78
5	13,219-13,026'	26	78
6	13,019-12,781'	26	78
7	12,776-12,559'	25	75
8	12,546-12,321'	25	75
9	12,306-12,076'	<u>25</u>	<u>75</u>
	Total	231	693

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1796' FNL & 2541' FEL

SW NE Section 33-T2S-R6W

5. Lease Designation and Serial No.

14-20-H62-2493

6. If Indian, Alottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #2-33B6

9. AAPI Well No.

43-013-31445

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

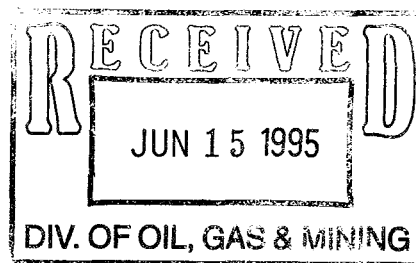
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Directional Survey

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached directional survey (completed during drilling operations for the subject well) which was inadvertently omitted from the completion report.



14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title Environmental & Safety Analyst

Date

06/14/95

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

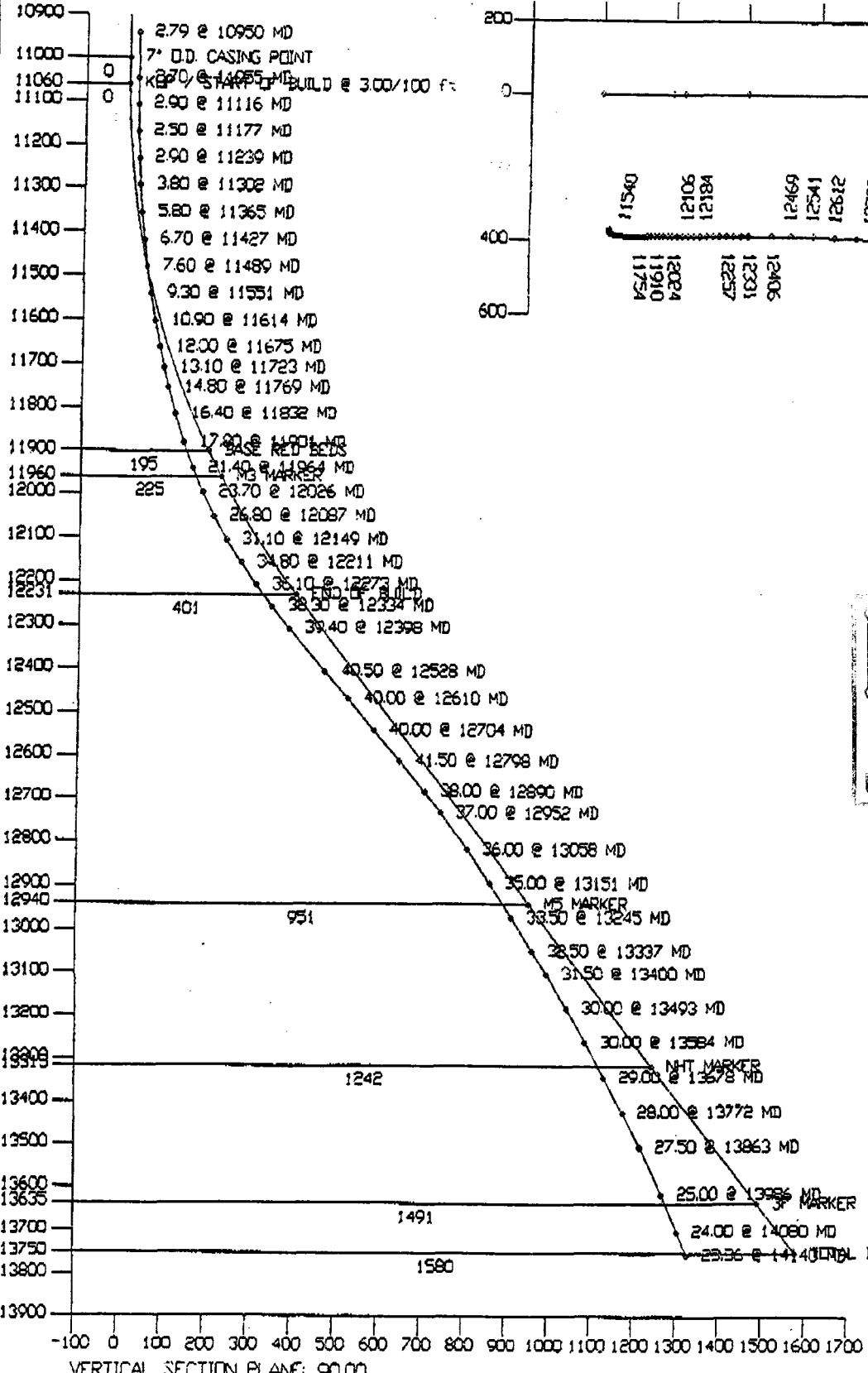
COASTAL OIL & GAS CORP.  
UTE TRIBAL #2-33 B6  
SEC 33-T02S-R06W  
DUCESNE CO., UTAH



1/20/95 9:58 am

VERTICAL VIEW  
SCALE 100 ft. / DIVISION  
TVD REF: WELLHEAD  
VERTICAL SECTION REF: WELLHEAD

HORIZONTAL VIEW  
SCALE 200 ft. / DIVISION  
SURVEY REF: WELLHEAD



RECEIVED  
JUN 15 1995  
DIV. OF OIL, GAS & MINING

# WILLIBURTON DRILLING SYSTEMS

Page 1

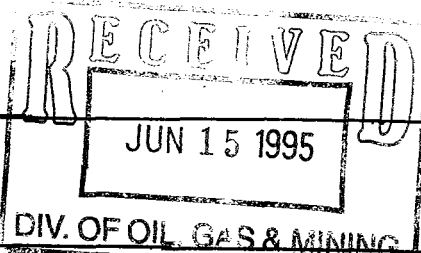
## Survey Report

Date: 1/20/95  
Time: 10:53 am  
Wellpath ID: SURVEY  
Date Created: 12/30/94  
Last Revision: 1/20/95

Calculated using the Minimum Curvature Method  
Computed using WIN-CADDS REV2.1.B  
Vertical Section Plane: 90.00 deg.

Survey Reference: WELLHEAD  
Vertical Section Reference: WELLHEAD  
Closure Reference: WELLHEAD  
TVD Reference: WELLHEAD

COASTAL OIL & GAS CORP.  
UTE TRIBAL #2-33 B6  
SEC 33-T02S-R05W  
DUCHESE CO., UTAH



Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)	Closure Dist. (ft)	Dir. (deg.)	Walk Rate (dg/100ft)	Build Rate (dg/100ft)	DLS (dg/100ft)
10950.00	2.79	166.90	0.00	10941.66	19.93	369.91 S 19.93 E	370.45@176.92		0.00	0.00	0.00
11055.00	2.70	170.30	105.00	11046.54	20.93	374.84 S 20.93 E	375.42@176.80		3.24	-0.09	0.18
11085.00	2.90	168.70	30.00	11076.50	21.19	376.28 S 21.19 E	376.87@176.78		-5.33	0.67	0.72
11116.00	2.90	167.10	31.00	11107.46	21.52	377.81 S 21.52 E	378.42@176.74		-5.16	0.00	0.26
11146.00	2.90	158.90	30.00	11137.43	21.96	379.26 S 21.96 E	379.86@176.69		-27.33	0.00	1.38
11177.00	2.50	139.10	31.00	11168.39	22.69	380.50 S 22.69 E	381.18@176.59		-63.87	-1.29	3.25
11208.00	2.20	127.40	31.00	11199.37	23.61	381.37 S 23.61 E	382.10@176.46		-37.74	-0.97	1.82
11239.00	2.90	117.00	31.00	11230.33	24.78	382.09 S 24.78 E	382.85@176.29		-33.55	2.26	2.70
11271.00	3.40	111.80	32.00	11262.29	26.38	382.81 S 26.38 E	383.72@176.06		-16.25	1.56	1.80
11302.00	3.80	107.80	31.00	11293.22	28.21	383.47 S 28.21 E	384.50@175.79		-12.90	1.29	1.52
11333.00	4.80	102.70	31.00	11324.14	30.45	384.07 S 30.45 E	385.27@175.47		-16.45	3.23	3.45
11365.00	5.80	103.40	32.00	11356.00	33.33	384.73 S 33.33 E	386.18@175.05		2.19	3.12	3.13
11396.00	6.40	99.10	31.00	11386.82	36.56	385.37 S 36.56 E	387.10@174.58		-13.87	1.94	2.43
11427.00	6.70	100.90	31.00	11417.62	40.04	385.99 S 40.04 E	388.06@174.08		5.81	0.97	1.17
11459.00	7.20	98.20	32.00	11449.39	43.86	386.63 S 43.86 E	389.11@173.53		-8.44	1.56	1.87
11489.00	7.60	99.70	30.00	11479.14	47.68	387.23 S 47.68 E	390.15@172.98		5.00	1.33	1.48
11520.00	8.40	97.10	31.00	11509.83	51.95	387.85 S 51.95 E	391.32@172.37		-8.39	2.58	2.83
11551.00	9.30	99.40	31.00	11540.46	56.66	388.54 S 56.66 E	392.65@171.70		7.42	2.90	3.12
11582.00	10.20	95.30	31.00	11571.02	61.87	389.20 S 61.87 E	394.06@170.97		-13.23	2.90	3.67
11614.00	10.90	92.30	32.00	11602.48	67.71	389.59 S 67.71 E	395.43@170.14		-9.38	2.19	2.78
11645.00	11.30	93.90	31.00	11632.90	73.67	389.91 S 73.67 E	396.81@169.30		5.16	1.29	1.63
11675.00	12.00	92.60	30.00	11662.28	79.72	390.25 S 79.72 E	398.31@168.45		-4.33	2.33	2.49
11707.00	12.20	90.70	32.00	11693.57	86.42	390.45 S 86.42 E	399.90@167.52		-5.94	0.62	1.39
11723.00	13.10	90.00	16.00	11709.18	89.93	390.47 S 89.93 E	400.66@167.03		-4.37	5.63	5.71
11738.00	13.00	91.50	15.00	11723.79	93.31	390.51 S 93.31 E	401.50@166.56		10.00	-0.67	2.35
11769.00	14.80	89.50	31.00	11753.88	100.76	390.57 S 100.76 E	403.35@165.53		-6.45	5.81	6.01
11801.00	15.80	90.00	32.00	11784.75	109.20	390.53 S 109.20 E	405.51@164.38		1.56	3.12	3.15
11832.00	16.40	88.30	31.00	11814.53	117.80	390.40 S 117.80 E	407.79@163.21		-5.48	1.94	2.46
11863.00	16.80	89.20	31.00	11844.25	126.60	390.21 S 126.60 E	410.23@162.02		2.90	0.65	1.05
11901.00	17.80	90.10	38.00	11880.55	137.84	390.14 S 137.84 E	413.78@160.54		2.37	3.16	3.23
11932.00	20.40	89.30	31.00	11909.85	147.98	390.09 S 147.98 E	417.21@159.23		-2.58	8.39	8.43
11964.00	21.40	89.20	32.00	11939.74	159.39	389.94 S 159.39 E	421.26@157.77		-0.31	3.12	3.13
11995.00	22.80	89.80	31.00	11968.46	171.06	389.84 S 171.06 E	425.71@156.31		1.94	4.62	4.57
12026.00	23.70	89.30	31.00	11996.94	183.29	389.74 S 183.29 E	430.66@154.81		-1.61	2.90	2.97
12056.00	25.10	89.00	30.00	12024.26	195.68	389.56 S 195.68 E	435.94@153.33		-1.00	4.67	4.68
12087.00	26.80	89.80	31.00	12052.14	209.25	389.42 S 209.25 E	442.07@151.75		2.58	5.48	5.60
12118.00	29.00	91.30	31.00	12079.53	223.75	389.56 S 223.75 E	449.25@150.13		4.84	7.10	7.45
12149.00	31.10	90.60	31.00	12106.37	239.27	389.82 S 239.27 E	457.39@148.46		-2.26	6.77	6.87
12180.00	33.30	90.40	31.00	12132.80	255.79	389.96 S 255.79 E	466.37@146.74		-0.65	7.10	7.11
12211.00	34.80	89.30	31.00	12158.28	273.14	389.91 S 273.14 E	476.07@144.99		-3.55	4.84	5.23
12242.00	35.30	90.30	31.00	12183.66	290.95	389.85 S 290.95 E	486.45@143.27		3.23	1.61	2.46

## HALLIBURTON DRILLING SYSTEMS

## Survey Report

Page 2

Date: 1/20/95

Wellpath ID: SURVEY

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist. Dir. (ft) (deg.)	Walk Rate (dg/100ft)	Build Rate (dg/100ft)	DLS (dg/100ft)
12273.00	36.10	90.60	31.00	12208.83	309.04	389.99 S	309.04 E	497.55@ 141.61	0.97	2.58	2.64
12303.00	37.50	89.70	30.00	12232.85	327.01	390.04 S	327.01 E	508.98@ 140.02	-3.00	4.67	5.00
12334.00	38.30	89.30	31.00	12257.32	346.05	389.87 S	346.05 E	521.25@ 138.41	-1.29	2.58	2.70
12366.00	38.90	89.60	32.00	12282.33	366.01	389.68 S	366.01 E	534.62@ 136.79	0.94	1.88	1.96
12398.00	39.40	89.30	32.00	12307.14	386.21	389.48 S	386.21 E	548.51@ 135.24	-0.94	1.56	1.67
12429.00	40.60	89.40	31.00	12330.89	406.14	389.26 S	406.14 E	562.56@ 133.78	0.32	3.87	3.88
12528.00	40.50	89.00	99.00	12408.11	470.49	388.36 S	470.49 E	610.07@ 129.54	-0.40	-0.10	0.28
12610.00	40.00	91.50	82.00	12468.70	523.46	388.69 S	523.46 E	651.93@ 126.59	3.05	-0.61	2.06
12704.00	40.00	91.50	94.00	12540.71	583.87	390.17 S	583.87 E	702.23@ 123.75	0.00	0.00	0.00
12798.00	41.50	93.50	84.00	12611.92	645.16	392.86 S	645.16 E	755.36@ 121.34	2.13	1.60	2.12
12890.00	38.00	92.50	92.00	12682.64	703.89	395.96 S	703.89 E	807.62@ 119.36	-1.09	-3.80	3.87
12952.00	37.00	94.00	62.00	12731.83	741.57	398.09 S	741.57 E	841.67@ 118.23	2.42	-1.61	2.18
13058.00	36.00	93.50	106.00	12817.04	804.49	402.22 S	804.49 E	899.43@ 116.56	-0.47	-0.94	0.98
13151.00	35.00	95.50	93.00	12892.76	858.32	406.44 S	858.32 E	949.69@ 115.34	2.15	-1.08	1.65
13245.00	33.50	96.50	94.00	12970.45	910.93	411.96 S	910.93 E	999.76@ 114.33	1.06	-1.60	1.70
13337.00	32.50	97.50	92.00	13047.61	960.67	418.06 S	960.67 E	1047.66@ 113.52	1.09	-1.09	1.24
13400.00	31.50	98.50	63.00	13101.04	993.72	422.71 S	993.72 E	1079.86@ 113.04	1.59	-1.59	1.80
13493.00	30.00	97.50	93.00	13180.96	1040.81	429.33 S	1040.81 E	1125.88@ 112.42	-1.08	-1.61	1.70
13584.00	30.00	99.00	91.00	13259.77	1085.83	435.86 S	1085.83 E	1170.05@ 111.87	1.65	0.00	0.82
13678.00	29.00	101.00	94.00	13341.58	1131.41	443.89 S	1131.41 E	1215.37@ 111.42	2.13	-1.06	1.49
13772.00	28.00	103.50	94.00	13424.20	1175.24	453.38 S	1175.24 E	1259.66@ 111.10	2.66	-1.06	1.66
13863.00	27.50	105.50	91.00	13504.73	1216.26	463.99 S	1216.26 E	1301.75@ 110.88	2.20	-0.55	1.16
13966.00	25.00	108.50	123.00	13615.04	1268.28	479.83 S	1268.28 E	1356.01@ 110.72	2.44	-2.03	2.30
14080.00	24.00	109.00	94.00	13700.58	1305.19	492.35 S	1305.19 E	1394.97@ 110.67	0.53	-1.06	1.09
14140.00	23.36	109.30	60.00	13755.53	1327.96	500.26 S	1327.96 E	1419.06@ 110.64	0.50	-1.07	1.09

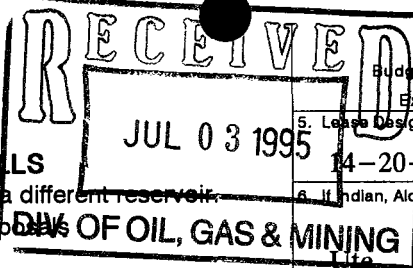
MD

TVD

surface 1796      2541  
 + 500      -1328  
 BHL 2296      1213

per FRM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
5. Lease Designation and Serial No.  
14-20-H62-2493  
6. If Indian, Alutian or Tribe Name

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA, Agreement Designation N/A
2. Name of Operator ANR Production Company		8. Well Name and No. Ute #2-33B6
3. Address and Telephone No. P. O. Box 749, Denver, CO 80201-0749 (303) 573-4455		9. AAPI Well No. 43-013-31445
4. Location of Well (Footage, Sec., T., R., M., Or Survey Description) 1796' FNL & 2541' FEL SW NE Section 33-T2S-R6W		10. Field and Pool, Or Exploratory Area Altamont
		11. County or Parish, State Duchesne Co., UT

**CONFIDENTIAL**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Perf Breakdown</u>	<input type="checkbox"/> Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached chronological history for work performed on the subject well.

14. I hereby certify that the foregoing is true and correct

Signed Sheila Bremer Title Environmental & Safety Analyst Date 06/29/95

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_

Conditions of approval, if any:

*tax credit*  
*7/7/95*

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

ANR PRODUCTION COMPANY  
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-33B6 (PERF BREAKDOWN)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UT  
WI: 100% ANR AFE: 00649  
MD: 14,140' PBD: 14,086'  
5" LINER @ 10,658'-14,138'  
PERFS: 12,076'-14,030' (WASATCH)  
CWC(M\$): 185.5

PAGE 13

- 3/6/95 POH w/2½" tbg.  
MIRU workover rig. POH w/rods & pump. ND WH, NU BOP. Release TAC.  
CC: \$4,778
- 3/7/95 POOH w/2½" seal assembly.  
Install BOP's. POOH w/2½" tbg & BHA (SN. 6' sub. PBGA, 1-jt, 2½" plug, 2½" perf jt, 4' sub, 7" anchor). RIH w/on-off tool. SN & 324 jts 2½" tbg. PU 2½" tbg. Had hard time getting thru 5" liner. RIH, latch onto pkr @ 10,760'. PU. RU swab. Run #1, FL 5100'-6900', very waxy. Run #2, FL 6700'-8500', very waxy. Hard time getting down. RU Delsco. RIH. Fish VV-valve. RIH w/WL to PBD @ 14,000' - saw no obstructions. POOH. RD Delsco WL. Pressure reading 450# on well. Rls seal assembly. POOH w/2½" to 5000'. CC: \$9,940
- 3/8/95 RIH w/pkr & RBP.  
Finish POOH w/on-off tool & seal assembly. Make up Mtn States pkr mill assembly to mill up 5" Arrow Drill pkr. Mill up pkr @ 10,760'. Run Prism Log from 13,989' to 12,076', could not work deeper than 13,989' (btm perf @ 14,030'). CC: \$19,059
- 3/9/95 RIH w/RBP & pkr.  
RIH w/4½" mill & CO tools. CO hard fill from 14,001' to 14,086' PBD. POH, recovered drlg mud, balls & milled cuttings in tools. CC: \$34,683
- 3/10/95 Swab FL down.  
LD 4½" mill - tbg had fill, sand & mud. RIH w/Mtn States Arrow FE 5" RBP & 5" HD pkr. Set RBP @ 14,045'. Set pkr @ 13,853'. RU Cutters WL. RU Dowell. Breakdown perfs @ 13,866'-14,030' w/500 bbls 3% KCl & flush w/109 bbls prod wtr. ATP 8800# @ 11.6 BPM. ISIP 3433#, 15 min 2800#. LTR 674, flow back 200 BLW. CC: \$51,629
- 3/11/95 RIH w/RBP & pkr.  
RU to swab. Made 4 runs, rec 50 BLW, FFL 2000'. Reset RBP @ 13,853', pkr @ 13,594'. Breakdown perfs @ 13,849'-13,603' w/500 bbls 3% KCl w/DP104 additive & flush w/109 bbls prod wtr. ATP 8800# @ 12.1 BPM. ISIP 2750#, 15 min SIP 2100#. Flow back 80 BLW. RU swab. Made 4 run, rec 52 BLW, FFL 2000'. Reset RBP @ 13,594', pkr @ 13,370'. Breakdown perfs @ 13,582'-13,379' w/175 bbls 3% KCl. Got communication up csg annulus, 2 BPM. ATP 8912# @ 11.4 BPM. SD. ISIP 2900#, csg & tbg pressure 1332#/15 min. Rls pkr. Latch onto RBP & work free. Pull to 13,370'. RBP would not set. POOH w/tbg & tools. CC: \$84,632
- 3/12/95 Continue RIH w/RBP & pkr on 3½" tbg.  
Made up new Arrow "FE" RBP & Mtn States 5" HD pkr. Attempt to set RBP - could not. Could not work down, but could pull up. Work tbg to free tools. Could not POOH to 5" LT - pkr would not allow tbg to go down. Pull out of 5" liner, could not re-enter w/pkr. POOH & LD RBP & pkr - RBP stuck in set position. Make up new RBP & pkr & RIH w/125 jts 2½" tbg. CC: \$101,141

ANR PRODUCTION COMPANY  
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-33B6 (PERF BREAKDOWN)  
ALTAMONT FIELD  
DUCHESE COUNTY, UT  
WI: 100% ANR AFE: 00649

PAGE 14

- 3/13/95 POOH w/3½" tbg.  
RIH w/308 jts 3½" tbg. Set RBP @ 13,594', pkr @ 13,370'. Breakdown perfs @ 13,379'-13,582' w/500 bbls 3% KCl & flush w/106 bbls prod wtr. Well communicating around pkr @ 5 BPM. ATP 8600#, ATR 11.3 BPM. ISIP 3430#, 15 min 1996#. Flwd back 90 BLW/2½ hrs. Rls pkr. Work 4 hrs to release RBP. Reset @ 13,340', pkr @ 13,208'. Breakdown perfs @ 13,333'-13,213' w/500 bbls 3% KCl & flush w/102 bbls prod wtr. Communication around perfs. 3 BPM. ATP 8600#, ATR 12.3 BPM. ISIP 2010#, 15 min 1590#. Flow back 65 BLW/1 hr. Rls pkr. Work 5 hrs - could not release RBP. CC: \$116,990
- 3/14/95 Work stuck RBP.  
POH w/pkr. found mandrel pulled out of RBP. RIH w/spear & 2" grapple. 3½" bumper sub & jars. Latch RBP @ 13,340'. Release BP & POH 320' - RBP hung up. CC: \$128,784
- 3/15/95 POOH w/RBP.  
Jar & work to free plug. Grapple pulled out of fish @ 13,020'. Unable to latch onto fish. POOH w/3½" & 2½" tbg, jars, bumper sub & spear. Lost grapple & bull nose. RIH w/spear, 2.023" grapple, bumper sub, jars, 6 - 3½" DC's, accelerator, 125 jts 2½" & 3½" tbg. Latch onto plug @ 13,020'. Work BP free. Pull out of 5" liner. CC: \$168,212
- 3/16/95 RIH w/RBP & pkr for perf breakdown #5.  
Finish POH w/2½" PH6 hyd tbg, 6 - 3½" DC's & BHA. Rec top part of 5" RBP w/slips - left bottom housing w/drag blades in hole. RIH w/4½" OS with 3-1/16" ID grapple, bumper sub, jar, 6 - 3½" DC's, accelerator, 125 jts 2½" PH6 hyd tbg & 283 jts 3½" 8rd tbg. Tag BP @ 13,020'. Chase RBP to 14,086' PBD. POH w/3½" & 2½" tbg, DC's & BHA - did not recover BP, left @ PBD. CC: \$178,486
- 3/17/95 Reset RBP & pkr for perf breakdown.  
RIH w/125 jts 2½" PH6, 3½" tbg. Set BP @ 13,146', pkr @ 12,990'. Break down perfs 13,008'-13,142', 63 holes w/500 bbls 3% KCl wtr. Flush w/101 bbls prod wtr. MTR 12.8 BPM, ATR 11.7 BPM, MTP 9000#, ATP 8600#. ISIP 3160#, 15 min 1800#. Flow back 125 BW. Rel pkr & RBP. Set RBP @ 12,990', set pkr @ 12,805'. Break down perfs 12,817'-12,969', 60 holes w/500 bbls 3% KCl, 100 bbls flush. Communication around pkr, 4.5 BPM. MTR 12.3 BPM, ATR 11.7 BPM, MTP 8800#, ATP 8600#. ISIP 2700#, 15 min 1650#. Rel pkr & RBP. Set RBP @ 12,770', set pkr @ 12,626'. break down perfs 12,636'-12,765', 45 holes w/500 bbls 3% KCl wtr. Communication around pkr, 5 BPM. MTR/ATR 12.3 BPM, MTP 9000#, ATP 8700#. ISIP 2700#, 15 min 1650#. Flwd 96 bbls/1½ hrs. CC: \$195,607
- 3/18/95 POOH w/tbg.  
Rls pkr. Circ down to RBP @ 12,770'. Circ btms up. Rls RBP. Set RBP @ 12,626', set pkr @ 12,000'. Test pkr & annulus to 2000# - OK. RU Dowell. Break down perfs 12,076'-12,619' w/1000 bbls 3% KCl w/DP104 heated to 150°. ATR 13 BPM, MTP 8800#, ATP 8600#. Flush w/101 bbls treated prod wtr. ISIP 2900#, 15 min 2300#. Flow back 268 bbls/2½ hrs. Well dead. Rls pkr. RIH to RBP @ 12,626'. Rls RBP & pull out of 5" liner. Single down 216 jts 3½" tbg. RIH w/51 jts. Single down remaining 3½" tbg & 20 jts 2½" PH6 tbg. CC: \$228,567

ANR PRODUCTION COMPANY  
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-33B6 (PERF BREAKDOWN)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UT  
WI: 100% ANR AFE: 00649

PAGE 15

3/19/95 RIH w/rods.  
Continue to single down 105 jts 2 1/2" 8.7# PH-6 hyd workstring. LD pkr and RBP. RIH w/Mtn States 7" anchor. 4' 2 1/2" sub. perf jt. 2 1/2" plug. 1-jt 2 1/2". 4 1/2" PBGA. 6' 2 1/2". SN & 329 jts 2 1/2" 8rd. Land tbg. ND BOP's. set TAC @ 10,609' w/18,000# tension. SN @ 10,499' CC: \$235,986

3/20/95 Return to production.  
RIH w/Highland 1 1/2" pump. 8 - 1". 140 - 3/4". 138 - 1/2". 130 - 1" rods. Space out. add subs. PU polish rod. seat pump. PT to 1000# - good. RDMO rig. CC: \$266,733

3/20/95 Pmpd 0 BO. 295 BW. 0 MCF. 4.7 SPM. 15 hrs.

3/21/95 Pmpd 0 BO. 378 BW. 0 MCF. 15 hrs. Down 9 hrs - generator.

3/22/95 Pmpd 0 BO. 335 BW. 0 MCF. 19 hrs. Down 5 hrs - repair generator.

3/23/95 Pmpd 11 BO. 416 BW. 0 MCF. 4.7 SPM. 21 hrs. Down 3 hrs - install larger generator.

3/24/95 Pmpd 45 BO. 391 BW. 0 MCF. 4.7 SPM. 24 hrs.

3/25/95 Pmpd 66 BO. 379 BW. 0 MCF. 4.7 SPM.

3/26/95 Pmpd 52 BO. 336 BW. 0 MCF. 4.7 SPM.

3/27/95 Pmpd 43 BO. 351 BW. 0 MCF. 4.7 SPM.

3/28/95 Pmpd 49 BO. 325 BW. 0 MCF. 4.7 SPM.

3/29/95 Pmpd 52 BO. 289 BW. 0 MCF. 4.7 SPM.

3/30/95 Pmpd 35 BO. 208 BW. 0 MCF. Pmpd off FL @ 10,372'.

3/31/95 Pmpd 44 BO. 204 BW. gas flared. 23 hrs.

4/1/95 Pmpd 63 BO. 172 BW. gas flared.

4/2/95 Pmpd 35 BO. 171 BW. gas flared. 4.1 SPM.

4/3/95 Pmpd 40 BO. 126 BW. gas flared. 3.4 SPM. 23 hrs. Down 1 hr - change sheave.

4/4/95 Pmpd 52 BO. 141 BW. gas flared. 3.4 SPM. 20 hrs. Down 4 hrs - hot oiled well.

4/5/95 Pmpd 74 BO. 173 BW. gas flared. 3.4 SPM.

4/6/95 Pmpd 48 BO. 111 BW. gas flared. 3.4 SPM. Final report.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-H62-2493

6. If Indian, Alottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #2-33B6

9. AAPI Well No.

43-013-31445

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1796' FNL & 2541' FEL

SW NE Section 33-T2S-R6W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

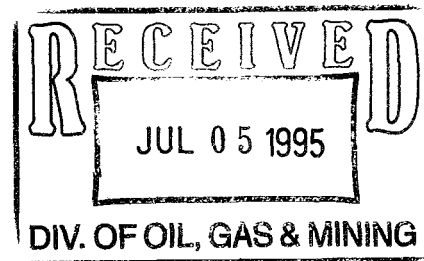
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other First gas sales

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Sale of gas from the subject well commenced on 4/18/95.



14. I hereby certify that the foregoing is true and correct

Signed Bonnie Johnston Title Senior Environmental Analyst Date 07/03/95

Bonnie Johnston

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135

Expires: March 31, 1993

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5. Lease Designation and Serial No.

14-20-H62-2493

6. If Indian, Alottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #2-33B6

9. AAPI Well No.

43-013-31445

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

SUBMIT IN TRIPLICATE

**CONFIDENTIAL**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4455

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1796' FNL & 2541' FEL

SW NE Section 33-T2S-R6W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

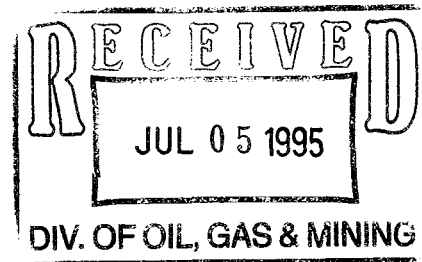
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Facilities diagram

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached facilities diagram for the Ute Tribal #1-33B6 and Ute #2-33B6.



14. I hereby certify that the foregoing is true and correct

Signed

*Bonnie Johnston*  
Bonnie Johnston

Title Senior Environmental Analyst

Date

07/03/95

(This space for Federal or State office use)

APPROVED BY

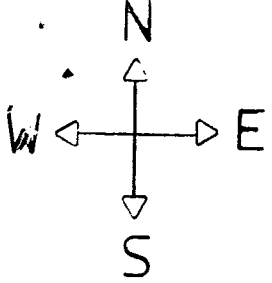
Title

Date

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\*See Instruction on Reverse Side

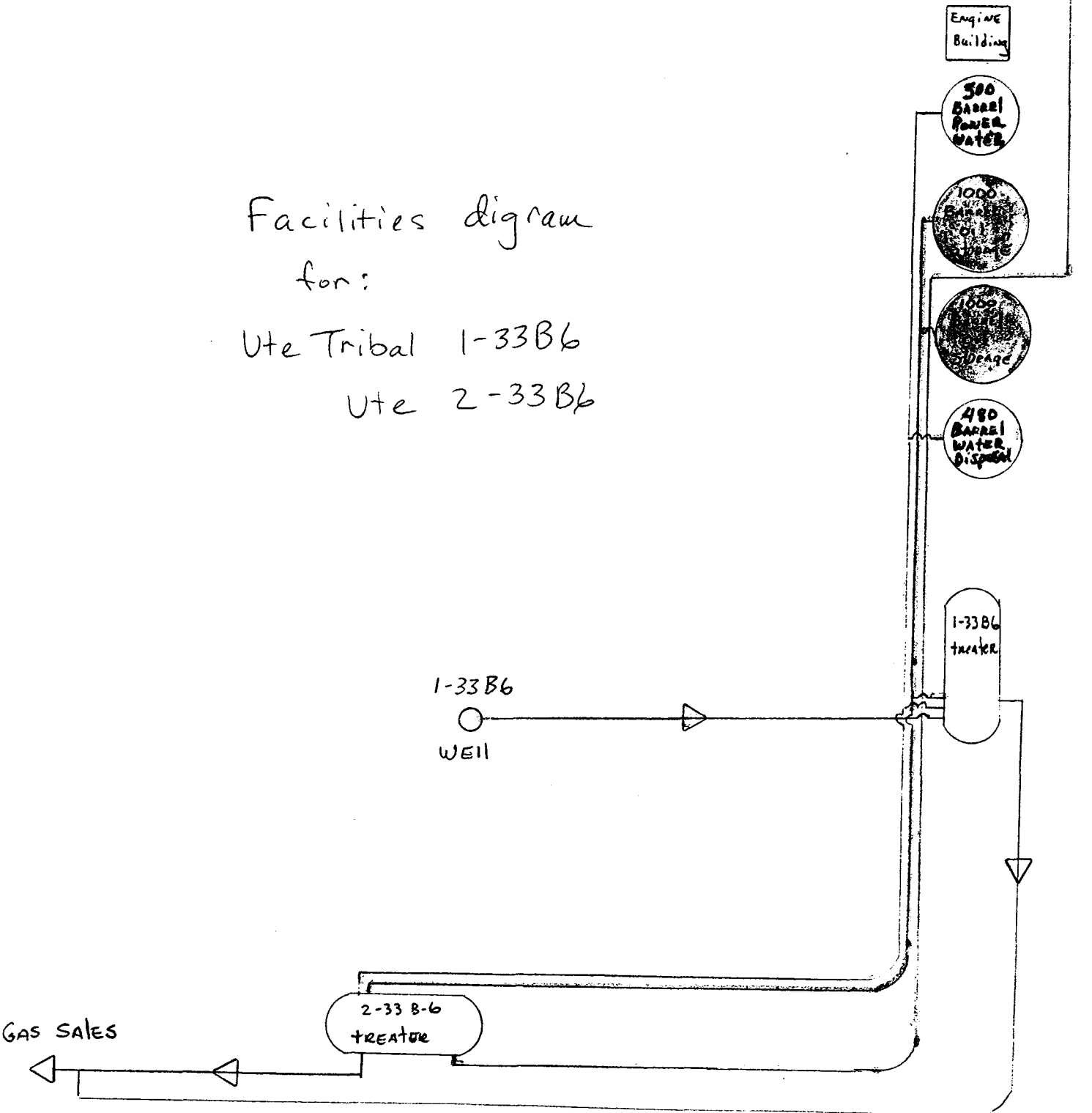


From  
2-33 B6

Facilities diagram  
for:

Ute Tribal 1-33 B6

Ute 2-33 B6



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT" - for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. Ute #2-33B6
2. Name of Operator ANR Production Company		9. AAPI Well No. 43-013-31445
3. Address and Telephone No. P. O. Box 749, Denver, CO 80201-0749 (303) 573-4455		10. Field and Pool, Or Exploratory Area Altamont
4. Location of Well (Footage, Sec., T., R., M., Or Survey Description) 1796' FNL & 2541' FEL SW NE Section 33-T2S-R6W		11. County or Parish, State Duchesne Co., UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Perf &amp; Acidize</u>	<input type="checkbox"/> Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached workover procedure for work to be performed on the subject well.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct

Signed Sheila Bremer Title Environmental & Safety Analyst Date 09/14/95  
**Sheila Bremer**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

UTE #2-33B6  
Section 33 T2S R6W  
Altamont Field  
Duchesne Co. Utah

**PROCEDURE:**

1. MIRU PU. POOH w/rods & pump. Rlse tbg anchor, NDWH NUBOP. POOH w/tbg.
2. RIH w/4-1/8" bit on 2-7/8" tbg. CO to 12,280'. POOH.
3. MIRU Wireline Co. RIH w/CIBP and set @ 12,274'. PT csg to 2000 psi.  
Perforate the following interval w/a 3-1/8" csg gun loaded w/3 JSPF, 120 degree phasing.

**10,684-12,258' 111' 333 holes**

Perforate the following w/a 4" csg gun loaded w/3 JSPF, 120 degree phasing.

**10,375-10,643' 27' 81 holes**

Tie into OWP CBL/GR Run #1 dated 1-30-95 for depth control.

4. RIH w/retr pkr on 3-1/2" 9.3# N-80 tbg. Set pkr @ 10,300'. PT csg to 1000 psi.
5. MIRU Dowell to acidize perforations from 10,375-12,258' w/12,500 gals 15% HCL per attached treatment schedule. MTP 9000 psi.
6. Swab back load and test. Rlse pkr, POOH.
7. RIH with rod pump equipment. Return well to production.

**Greater Altamont Field, Utah**  
**ANRPC Ute #2-33B6**  
**Perforation Schedule**

O.W.P. CBL-GR  
Run #1 (1-30-95)

---

10,375	10,802	11,347	11,907
10,380	10,805	11,359	11,919
10,398	10,812	11,387	11,924
	10,819	11,393	11,935
10,407	10,825		11,942
10,418	10,830	11,410	11,944
10,425	10,832	11,432	11,953
10,442	10,844	11,444	11,957
10,449	10,848	11,456	11,966
10,485	10,853	11,469	11,987
10,494	10,881	11,479	11,994
		11,493	
10,501	10,903		12,003
10,505	10,932	11,507	12,015
10,510	10,935	11,579	12,021
10,517	10,955		12,024
10,525	10,959	11,607	12,029
10,532	10,965	11,634	12,033
10,538		11,669	12,039
10,542	11,013	11,677	12,043
10,556	11,023	11,681	
10,561	11,037		12,053
10,566	11,044	11,701	12,361
10,586	11,072	11,707	12,064
	11,083	11,720	12,071
10,600	11,092	11,736	12,098
10,618		11,749	
10,630	11,122	11,761	12,109
10,636	11,139	11,777	12,144
10,643	11,150	11,790	12,164
10,684	11,165		12,169
	11,170	11,811	12,179
10,713		11,814	12,183
10,728	11,204	11,858	12,189
10,736	11,229	11,870	12,193
10,756	11,244	11,885	
10,766	11,255	11,891	12,205
10,787	11,280		12,210

**TOTAL: 138 feet**

P. T. Loeffler  
8-17-95

F:\user\pt02-33B6PF.wk4

12,221  
12,236  
12,254  
12,258

Service Co. Western Oil W

#29 Greg Todd

Well Ute 2-3386Cntry Duchezne State UTDate March 19, 1995Foreman Jim Foreman

## CSG DATA

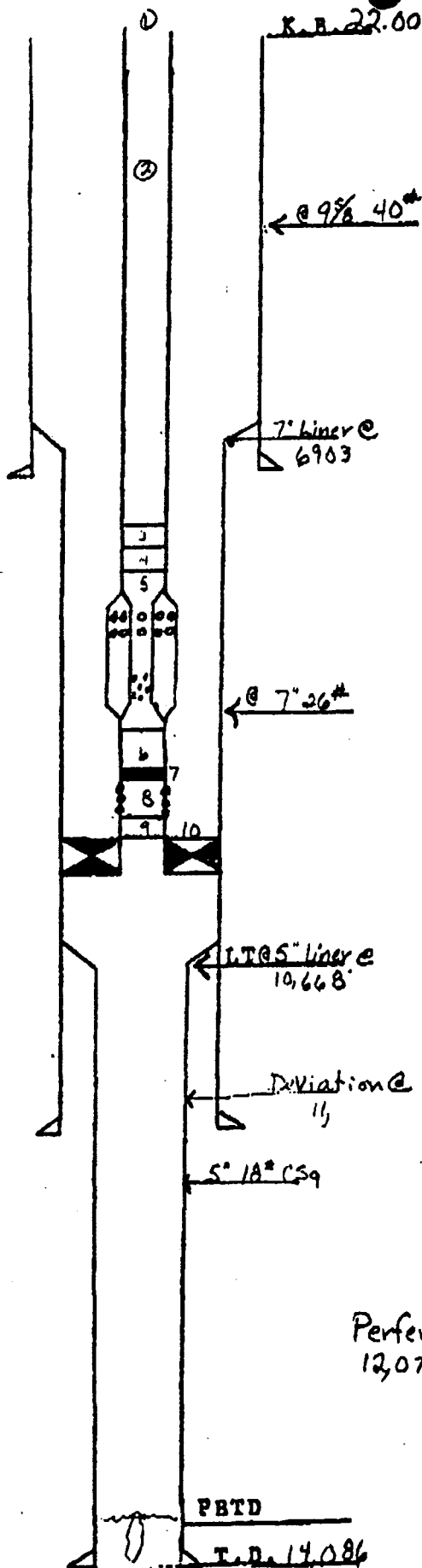
SIZE	WT.	GRADE	FROM	TO
9 3/8"	40#	CF-95	0	7620'
7"	26#	SE-95	6903	14,086
5"	18#	S-95	10,668	14,138

## BRIEF COMPLETION SUMMARY

MERU PUGH w/ rods. Production. RTH latch onto pkr. Pull VU plug. Drill out pkr. Run Clean out tool Clean out to 14,086. P.U. 2 7/8" p 3 1/2" p 110 tbg. Pump 500 pbls Kch in 8 stages across perf. Put well on production.

\* Bottom half of Arrow 5" F&B Plug pushed to PBD.  
(Drag blocks, drag block housing, bottom control mandrel, packing element & sp)

Stretch	
FINAL STATUS KB	
① 2 7/8 tbg Hanger 2 7/8" 8rd top, bottom	2
② 329 lbs 2 7/8" 8rd N-80 6.5 Bev. G 10 471	
③ +45, Seat Nipple top @ 10,499.73	
④ 6' 2 7/8" 8rd N-80 Sub	
⑤ 1 1/2" PBGA New style	3'
⑥ 1 1/2" 2 7/8" 8rd N-80	3'
⑦ 5 1/2" Solid Plug	
⑧ 1 1/2" 2 7/8" Perforated N-80 8rd	3'
⑨ 4' 2 7/8" 8rd N-80 Sub	4
⑩ M. States 7" anchor catcher	2
yearwide slips set @ 10,609.05	
w/ 20,000# tension	
EOTE 10,611.	



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
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JAN 2 1996

SUBMIT IN TRIPLICATE

DIV OF OIL, GAS & MINING

CONFIDENTIAL

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1796' FNL & 2541' FEL

SW NE Section 33-T2S-R6W

5. Lease Designation and Serial No.

14-20-H62-2493

6. If Indian, Aluttee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #2-33B6

9. AAPI Well No.

43-013-31445

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Perf & Acidize

☐ Change of Plans  
☐ New Construction  
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(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached chronological history for work performed on the subject well.

14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title Environmental & Safety Analyst

Date

12/28/95

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

tax credit  
2/28/96

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

ANR PRODUCTION COMPANY  
CHRONOLOGICAL HISTORY

PAGE 16

UTE #2-33B6 (PERF & ACIDIZE)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UT  
WI: 100% ANR AFE: 00906  
TD: 14,140' PBD: 12,274' (CIBP)  
5" LINER @ 10,668'-14,138'  
PERFS: 10,375-12,258'  
CWC(M\$): 122.3

- 11/15/95 Rigging up.  
Unable to rig up, power generator not runnable, unable to stroke rotaflex, spot other rig equip. Received word generator would be running until late afternoon. CC: \$1,352.
- 11/16/95 POOH w/2½" tbg & BHA.  
Moved Rotaflex unit, RU. Jarred & worked pump/3hrs, pumped 450 BW down csg w/hot oiler & rig pump. Unseat pump. Flushed tbg w/55 BW. Reseat & tested to 500#. Unseat pump. TOOH w/rods & pump. ND WH, release TAC @ 10,609', NU BOP & tbg equipment. POOH w/32 jts 2½" tbg to 9470'. CC: \$8478.
- 11/17/95 TOOH w/4½" mill.  
POH w/2½" tbg & BHA. RIH w/4½" mill to 12,318'. No scale on csg seen. POOH w/2½" tbg to 10,438. CC: \$12,733.
- 11/18-  
11/19/95 No activity.
- 11/20/95 Prep to perforate.  
TOH w/2½" tbg & 4½" mill. RU WL, set WL CIBP @ 12,274. Prep WL to perf. CC: \$15,525.
- 11/21/95 Picking up 3½" tbg.  
RU cutters to perforate zones 10,684'-12,258' w/3½" gun:  
Run 1: 12,258'-12,043', 20 ft, 60 holes, PSI 0, FL 6650'.  
Run 2: 12,039'-11,885', 20 ft, 60 holes, PSI 0, FL 6650'.  
Run 3: 11,870'-11,493', 20 ft, 60 holes, PSI 0, FL 6650'.  
Run 4: 11,479'-11,122', 20 ft, 60 holes, PSI 0, FL 6650'.  
Run 5: 11,092'-10,825', 20 ft, 60 holes, PSI 0, FL 6650'.  
Run 6: 10,819'-10,684', 33 ft, 11 holes, PSI 0, FL 6550'.  
Perf zones 10,375'-10,643' w/4" gun:  
Run 1: 10,643'-10,449', 20 ft, 60 holes, PSI 0, FL 6400'.  
Run 2: 10,442'-10,375', 7 ft, 21 holes, PSI 0, FL 6400'.  
RD cutters WL, RIH w/pkr on 20 jts 3½" tbg. CC: \$48,078.
- 11/22/95 Prep to acidize.  
Finish RIH w/pkr on 3½" workstring, set pkr @ 10,304'. Pmpd 105 bbls treated water down csg. Pressured annulus up to 1000# - held 15 min. Drained pump. RU swab equipment. CC: \$52,153.
- 11/23-  
11/26/95 No activity.
- 11/27/95 Swabbing.  
Acidize perfs @ 10,375'-12,258' w/12,500 gal 15% HCL + diverter. MTP 9000#, ATP 7500#, MTR 40 BPM, ATR 32 BPM, ISIP 2550#, 15 MIN SIP 1803#. Had poor diversion, 640 BLTR. Swab 13 BO, 148 BLW/6 hrs, FFL 900', PH 4.0, 30% oil cut, 20 BPH, very gassy. CC: \$88,122.
- 11/28/95 TOOH w/3½" tbg & 7" pkr.  
RU swab, swab wouldn't go through tbg below 50 ft (waxed off). Rls pkr @ 10,304'. LD 160 jt 3½" tbg to 5420'. CC: 93,349.

ANR PRODUCTION COMPANY  
CHRONOLOGICAL HISTORY

UTE #2-33B6 (PERF & ACIDIZE)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UT  
WI: 100% ANR AFE: 00906

PAGE 17

- 11/29/95 Landing prod tbg.  
LD 3½" tbg & 7" pkr. Change over to 2½" equip. RIH w/7" TAC & BHA to  
8281'. CC: \$97,837.
- 11/30/95 Well on production.  
Set 7" TAC @ 10,364' w/SN @ 10,255'. RD BOP. NU WH. RIH w/1½" pump  
& rods. Seat & spaced out pump. Filled tbg w/10 BW, test to 500#.  
Washed heavy oil off Rotaflex & rig. RD rig, place on pump. Pmpd 95  
BO, 88 BW, 61 MCF, 4.1 SPM, 14 hr. CC: \$114,565.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135

Expires: March 31, 1993

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

See Attached

7. If Unit or CA, Agreement Designation

See Attached

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, Or Exploratory Area

See Attached

11. County or Parish, State

County: See Attached

State: Utah

## SUBMIT IN TRIPLICATE

1. Type of Well



Oil Well



Gas Well



Other

2. Name of Operator

Coastal Oil &amp; Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

See Attached

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

## TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing

Other Change of Operator

Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(NOTE: Report results of multiple completion on Completion or Recompletion Report and Log to)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.

*Bonnie Carson*  
MINERAL & ENERGY  
SIA, U.S.D. 1007

Signed by *Larry Larson*  
Bonnie Carson, Sr. Environmental & Safety Analyst  
ANR Production Company

RECEIVED  
MAR 07 1996

14. I hereby certify that the foregoing is true and correct

Coastal Oil &amp; Gas Corporation

Signed

*Sheila Bremer*  
Sheila Bremer

Title Environmental &amp; Safety Analyst Date

03/07/96

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL		Field	County
					Footages	Section, Township & Range		
Ute 1-25A3	43-013-30370 ✓	14-20-H62-1802	Ute	N/A	1727' FNL & 1784' FEL	SWNE, 25-1S-3W	Bluebell	Duchesne
Ute 1-26A3	43-013-30348 ✓	14-20-H62-1803	Ute	N/A	1869' FNL & 1731' FWL	SENE, 26-1S-3W	Bluebell	Duchesne
Ute 1-31A2	43-013-30401 ✓	14-20-H62-1801	Ute	N/A	2246' FSL & 2270' FWL	NESW, 31-1S-2W	Bluebell	Duchesne
Ute 1-32Z2	43-013-30379 ✓	14-20-H62-1702	Ute	N/A	1484' FNL & 2554' FWL	SENE, 32-1N-2W	Bluebell	Duchesne
Ute 1-36B6	43-013-30502 ✓	14-20-H62-2532	Ute	N/A	1212' FSL & 487' FEL	SESE, 36-2S-6W	Altamont	Duchesne
Ute 1-6B2	43-013-30349 ✓	14-20-H62-1807	Ute	N/A	2052' FSL & 1865' FEL	NWSE, 6-2S-2W	Bluebell	Duchesne
Ute 2-22B5	43-013-31122 ✓	14-20-H62-2509	Ute	N/A	737' FSL & 1275' FWL	SWSW, 22-2S-5W	Altamont	Duchesne
Ute 2-25A3	43-013-31343 ✓	14-20-H62-1802	Ute	N/A	2183' FSL & 1342' FWL	NESW, 25-1S-3W	Bluebell	Duchesne
Ute 2-26A3	43-013-31340 ✓	14-20-H62-1803	Ute	N/A	700' FSL & 700' FWL	SWSW, 26-1S-3W	Bluebell	Duchesne
Ute 2-27B6	43-013-31449 ✓	14-20-H62-4631	Ute	N/A	1727' FNL & 1904' FEL	SWNE, 27-2S-6W	Altamont	Duchesne
Ute 2-28B6	43-013-31434 ✓	14-20-H62-4622	Ute	N/A	1945' FSL & 1533' FEL	NWSE, 28-2S-6W	Altamont	Duchesne
Ute 2-31A2	43-013-31139 ✓	14-20-H62-1801	Ute	N/A	1012' FNL & 1107' FEL	NENE, 31-1S-2W	Bluebell	Duchesne
Ute 2-33B6	43-013-31445 ✓	14-20-H62-2493	Ute	N/A	1796' FNL & 2541' FEL	SWNE, 33-2S-6W	Altamont	Duchesne
Ute 2-35A3	43-013-31292 ✓	14-20-H62-1804	Ute	N/A	660' FNL & 660' FEL	NENE, 35-1S-3W	Bluebell	Duchesne
Ute 2-6B2	43-013-31140 ✓	14-20-H62-1807	Ute	N/A	949' FNL & 1001' FWL	NWNW, 6-2S-2W	Bluebell	Duchesne
Ute 3-35A3	43-013-31365 ✓	14-20-H62-1804	Ute	N/A	1632' FNL & 660' FWL	SWNW, 35-1S-3W	Bluebell	Duchesne
Ute Tribal 1-27B6	43-013-30517 ✓	14-20-H62-4631	Ute	N/A	2312' FNL & 1058' FWL	SWNW, 27-2S-6W	Altamont	Duchesne
Ute Tribal 1-28B6	43-013-30510 ✓	14-20-H62-4622	Ute	N/A	860' FNL & 2381' FEL	NWNE, 28-2S-6W	Altamont	Duchesne
Ute Tribal 1-33B6	43-013-30441 ✓	14-20-H62-2493	Ute	N/A	350' FSL & 2400' FEL	SWSE, 33-2S-6W	Altamont	Duchesne
Ute Tribal 1-35B6	43-013-30507 ✓	14-20-H62-4632	Ute	N/A	1248' FEL & 1350' FSL	NESE, 35-2S-6W	Altamont	Duchesne
<b>OIL/GAS WELLS PERMITTED - NOT DRILLED</b>								
Ute 1-16B6	43-013-31524 ✓	14-20-H62-4647	Ute	N/A	2424' FNL & 1590' FEL	SWNE, 16-2S-6W	Altamont	Duchesne
Ute 1-23B6	43-013-31446 ✓	14-20-H62-4614	Ute	N/A	1894' FSL & 735' FWL	NWSW, 23-2S-6W	Altamont	Duchesne
Ute 1-26B6	43-013-31447 ✓	14-20-H62-4614	Ute	N/A	205' FNL & 2485' FWL	NENW, 26-2S-6W	Altamont	Duchesne
Ute 2-26B6	43-013-31448 ✓	14-20-H62-4614	Ute	N/A	663' FSL & 697' FWL	SWSW, 26-2S-6W	Altamont	Duchesne

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Coastal Oil &amp; Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: See Attached

QQ, Sec., T., R., M.: See Attached

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

See Attached

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County: See Attached

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## NOTICE OF INTENT

(Submit In Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

## SUBSEQUENT REPORT

(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon *                                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection                       | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                  | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |   |

Date of work completion \_\_\_\_\_

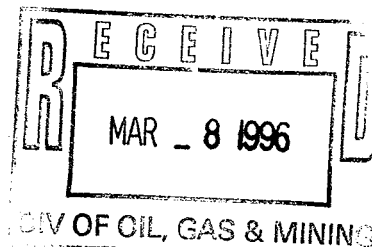
Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.

Bonnie Carson  
Bonnie Carson, Sr. Environmental & Safety Analyst  
ANR Production Company



13.

Name & Signature: Sheila BremerSheila Bremer  
Environmental & Safety Analyst

Title: Coastal Oil &amp; Gas Corporation

Date: 03/07/96

(This space for State use only)

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL		Field	County
					Footages	Section, Township & Range		
Ute 1-31A2	43-013-30401	14-20-H62-1801 1925	Ute	N/A	2246' FSL & 2270' FWL	NESW, 31-1S-2W	Bluebell	Duchesne
Ute 1-32Z2	43-013-30379	14-20-H62-1702 1915	Ute	N/A	1484' FNL & 2554' FWL	SENE, 32-1N-2W	Bluebell	Duchesne
Ute 1-36B6	43-013-30502	14-20-H62-2532 1940	Ute	N/A	1212' FSL & 487' FEL	SESE, 36-2S-6W	Altamont	Duchesne
Ute 1-6B2	43-013-30349	14-20-H62-1807 1895	Ute	N/A	2052' FSL & 1865' FEL	NWSE, 6-2S-2W	Bluebell	Duchesne
Ute 2-22B5	43-013-31122	14-20-H62-2509 10453	Ute	N/A	737' FSL & 1275' FWL	SWSW, 22-2S-5W	Altamont	Duchesne
Ute 2-25A3	43-013-31343	14-20-H62-1802 11361	Ute	N/A	2183' FSL & 1342' FWL	NESW, 25-1S-3W	Bluebell	Duchesne
Ute 2-26A3	43-013-31340	14-20-H62-1803 11349	Ute	N/A	700' FSL & 700' FWL	SWSW, 26-1S-3W	Bluebell	Duchesne
Ute 2-27B6	43-013-31449	14-20-H62-4631 11620	Ute	N/A	1727' FNL & 1904' FEL	SWNE, 27-2S-6W	Altamont	Duchesne
Ute 2-28B6	43-013-31434	14-20-H62-4622 11624	Ute	N/A	1945' FSL & 1533' FEL	NWSE, 28-2S-6W	Altamont	Duchesne
Ute 2-31A2	43-013-31139	14-20-H62-1801 10458	Ute	N/A	1012' FNL & 1107' FEL	NENE, 31-1S-2W	Bluebell	Duchesne
Ute 2-33B6	43-013-31445	14-20-H62-2493 11691	Ute	N/A	1796' FNL & 2541' FEL	SWNE, 33-2S-6W	Altamont	Duchesne
Ute 2-35A3	43-013-31292	14-20-H62-1804 11222	Ute	N/A	660' FNL & 660' FEL	NENE, 35-1S-3W	Bluebell	Duchesne
Ute 2-6B2	43-013-31140	14-20-H62-1807 11190	Ute	N/A	949' FNL & 1001' FWL	NWNW, 6-2S-2W	Bluebell	Duchesne
Ute 3-35A3	43-013-31365	14-20-H62-1804 11454	Ute	N/A	1632' FNL & 660' FWL	SWNW, 35-1S-3W	Bluebell	Duchesne
Ute Tribal 1-27B6	43-013-30517	14-20-H62-4631 11160	Ute	N/A	2312' FNL & 1058 FWL	SWNW, 27-2S-6W	Altamont	Duchesne
Ute Tribal 1-28B6	43-013-30510	14-20-H62-4622 11165	Ute	N/A	860 FNL & 2381' FEL	NWNE, 28-2S-6W	Altamont	Duchesne
Ute Tribal 1-33B6	43-013-30441	14-20-H62-2493 1230	Ute	N/A	350' FSL & 2400' FEL	SWSE, 33-2S-6W	Altamont	Duchesne
Ute Tribal 1-35B6	43-013-30507	14-20-H62-4632 2335	Ute	N/A	1248' FEL & 1350' FSL	NESE, 35-2S-6W	Altamont	Duchesne
<b>OIL/GAS WELLS PERMITTED - NOT DRILLED</b>								
Ute 1-16B6	43-013-31524	14-20-H62-4647 99999	Ute	N/A	2424' FNL & 1590' FEL	SWNE, 16-2S-6W	Altamont	Duchesne
Ute 1-23B6	43-013-31446	14-20-H62-4614 99999	Ute	N/A	1894' FSL & 735' FWL	NWSW, 23-2S-6W	Altamont	Duchesne
Ute 1-26B6	43-013-31447	14-20-H62-4614 99999	Ute	N/A	205' FNL & 2485' FWL	NENW, 26-2S-6W	Altamont	Duchesne
Ute 2-26B6	43-013-31448	14-20-H62-4614 99999	Ute	N/A	663' FSL & 697' FWL	SWSW, 26-2S-6W	Altamont	Duchesne
<b>SALT WATER DISPOSAL WELLS</b>								
Lake Fork 2-23B4 SWD	43-013-30038	Patented 1970	N/A	N/A	1985' FNL & 2131' FEL	SWNE, 23-2S-4W	Altamont	Duchesne
LDS Church 2-27B5 SWD	43-013-30340	Fee 99990	N/A	N/A	551' FSL & 2556' FEL	SWSE, 27-2S-4W	Altamont	Duchesne
Ehrich 2-11B5 SWD	43-013-30391	Fee 99990	N/A	N/A	1983' FSL & 1443' FWL	NESW, 11-2S-5W	Altamont	Duchesne
Hanson 2-4B3 SWD	43-013-30337	Fee 99990	N/A	N/A	641' FSL & 1988' FWL	SESW, 4-2S-3W	Altamont	Duchesne
Shell 2-27A4 SWD	43-013-30266	Fee 99990	N/A	96108 N/A	58' FSL & 1186' FWL	SWSW, 27-1S-4W	Altamont	Duchesne
Tew 1-9B5 SWD	43-013-30121	Patented 1675	N/A	N/A	2334' FNL & 1201' FEL	SENE, 9-2S-5W	Altamont	Duchesne

COASTAL

## memorandum

DATE: March 26, 1996

REPLY TO  
ATTN OF: Superintendent, Uintah and Ouray Agency

SUBJECT: Change of Operator

TO: Bureau of Land Management, Vernal District Office  
Attention: Sally Gardiner, Division of Minerals and Mining

We have received copies of Sundry Notices and Reports on Wells (Form 3160-5), requiring BIA Action, informing this office of a change of operator for the following wells:

OPERATOR - FROM: ANR PRODUCTION COMPANY

TO: COASTAL OIL & GAS CORPORATION

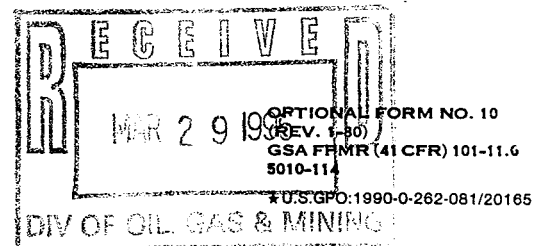
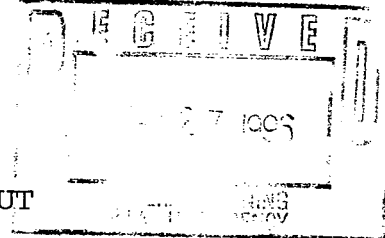
(SEE ATTACHED LIST OF WELLS AND LOCATIONS)

This office recommends a approval for the Changes of Operator for the wells listed above.

All operations will be covered under a \$150,000 Nationwide Bond, filed with this office for Coastal.

If you have any questions, please contact this office at (801) 722-2406, Ext. 51/52/54.

cc: Jerry Kenczka, BLM/Vernal  
Energy & Minerals, Ute Tribe  
Ute Distribution Corporation, Roosevelt, UT  
Lisha Cordova, State of Utah  
Theresa Thompson, BLM/State Office





IN REPLY REFER TO:

3162.3  
UT08438

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

Phone: (801) 781-4400  
Fax: (801) 781-4410

May 22, 1996

Coastal Oil & Gas Corp.  
Attn: Sheila Bremer  
P. O. Box 749  
Denver CO 80201-0749

*43-013-31445*  
Re: Well No. Ute 2-33B6  
SWNE, Sec. 33, T2S, R6W  
Lease 14-20-H62-2493  
Duchesne County, Utah

Dear Ms. Bremer:

This correspondence is in regard to the Sundry Notice submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Coastal Oil & Gas Corporation is responsible for all operations performed on the referenced well. All liability will now fall under your bond, a \$150,000 BIA Nationwide Bond, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II  
Assistant District Manager for  
Minerals Resources

cc: ANR Production Company  
BIA  
Division Oil, Gas, & Mining

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

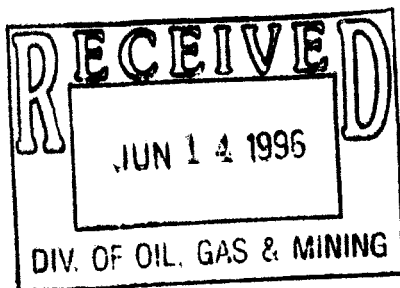
**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. Ute #2-33B6
2. Name of Operator Coastal Oil & Gas Corporation	9. AAPI Well No. 43-013-31445
3. Address and Telephone No. P. O. Box 749, Denver, CO 80201-0749 (303) 573-4455	10. Field and Pool, Or Exploratory Area Altamont
4. Location of Well (Footage, Sec., T., R., M., Or Survey Description) 1796' FNL & 2541' FEL SW NE Section 33-T2S-R6W	11. County or Parish, State Duchesne Co., UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other Lower Seat Nipple	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached chronological history for work performed to lower seat nipple to enhance production on the subject well.



14. I hereby certify that the foregoing is true and correct

Signed Sheila Bremer Title Environmental & Safety Analyst Date 06/11/96

Sheila Bremer

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any: tax credit

ANR PRODUCTION COMPANY  
CHRONOLOGICAL HISTORY

UTE #2-33B6 (LWR SN)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UT  
WI: 100% ANR AFE:  
TD: 14,140' PBTB: 12,274'(CIBP)  
5" LINER @ 10,668'-14,138'  
PERFS: 10,375'-12,258'  
CWC(M\$):

- 5/8/96      **NU BOP. POOH w/tbg.**  
MIRU rig. Hot oiler down csg w/150 bbls @ 250°. PU on rods, unseat rod pump @ 10,255'. Flush tbg w/60 bbls @ 220°. LD polish rod. POOH w/119-1", 132-7/8", 140-3/4", 8-1", 1 1/2" rod pump. CC: \$2490.
- 5/9/96      Open well. NU bOP, unset 7" AC @ 10,364'. POOH w/27/8" tbg, 321 jts, SN, 4 1/2" PBGA, BHA, 7" AC. PU 1-6x2 3/8" slotted pup jt, 2 3/8" SN, 3 jts 2 3/8" tbg, 5" AC, 62 jts 2 3/8" tbg, 2 3/8"x27/8" x-o, RIH w/27/8" tbg, 318 jts, tag fill @ 12,193. 81' high from CIBP @ 12,274'. POOH 4 jts, EOT @ 12,067'. CC: \$5452.
- 5/10/96     **Final.**  
Open well. RIH w/3 jts 27/8". Set 5" AC @ 12,063'. ND BOP. Land tbg w/22,000# tension. Flush tbg w/80 bbls, x-o to rod equip. PU 1 1/4"x2 3/8" rod pump, prime w/diesel. RIH w/230-3/4" rods, 137-7/8", 115-1" rods, 3-4', 1-2"x1 ponies, polish rod. Seat pump @ 12,159', space out. Fill tbg w/35 bbls, stroke test to 800#, held. RD rig, slide unit, hung polish rod. Put unit to pumping. CC: \$26,179.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing: *6/11*

1	LEC-7-53
2	DTS 8-FILE
3	VLD
4	RJT
5	LEC
6	FILM

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 12-27-95)

TO (new operator) COASTAL OIL & GAS CORP  
 (address) PO BOX 749  
DENVER CO 80201-0749  
 phone (303) 572-1121  
 account no. N 0230 (B)

FROM (former operator) ANR PRODUCTION CO INC  
 (address) PO BOX 749  
DENVER CO 80201-0749  
 phone (303) 572-1121  
 account no. N0675

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>013-31445</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- lec* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 3-8-96)*
- lec* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 3-8-96)*
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- N/A* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- lec* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-11-96) (4-3-96/Indian) (4-15-96/Fee C.A.'s) (8-20-96/Indian C.A.'s)*
- lec* 6. Cardex file has been updated for each well listed above.
- lec* 7. Well file labels have been updated for each well listed above.
- lec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-11-96)*
- lec* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only) Surety No. 4605382-1 (\$80,000) United Pacific Ins. Co.

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files. *\* Upon Compl. of routing.*
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date March 11, 1996. If yes, division response was made by letter dated                      19  . *(Same Bond as Coastal)*

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19  , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

### FILMING

- Yes 1. All attachments to this form have been microfilmed. Date:                      1-7 1997.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

960311 This change involves Fee lease / non C.A. wells ~~only~~ state lease wells.  
C.A. & Indian lease wells will be handled on separate change.

960412 BLM / SL Appr. C.A.'s 4-11-96.

960820 BIA Appr. CA's 8-16-96.

960329 BIA Appr. Indian Lease wells 3-26-96.

WE71/34-35

\* 961107 Lemicy 2-582 / 43013-30784 under review at this time; no chg. yet!

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135

Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

14-20-H62-2493

6. If Indian, Allottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #2-33B6

9. API Well No.

43-013-31445

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne Co., UT

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1796' FNL & 2541' FEL

SW NE Section 33-T2S-R6W

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Install pipeline  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

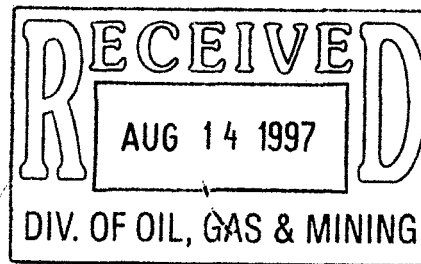
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)

Operator proposes to install saltwater pipeline to connect the subject well to the Ute 1-14C6 saltwater disposal well.

The pipeline will be laid on the surface and will consist of 2 and 3 inch SDR-7 polyethylene pipe.

The subject well is currently producing 42 BWP. Due to the high cost of heat tracing, the pipeline should be operating approximately 9 months of the year. During winter months, the water from this well will be either trucked to the Cedar Rim 10-15C6 battery or to the Ute 1-14C6 saltwater disposal well. Please see the attached map.

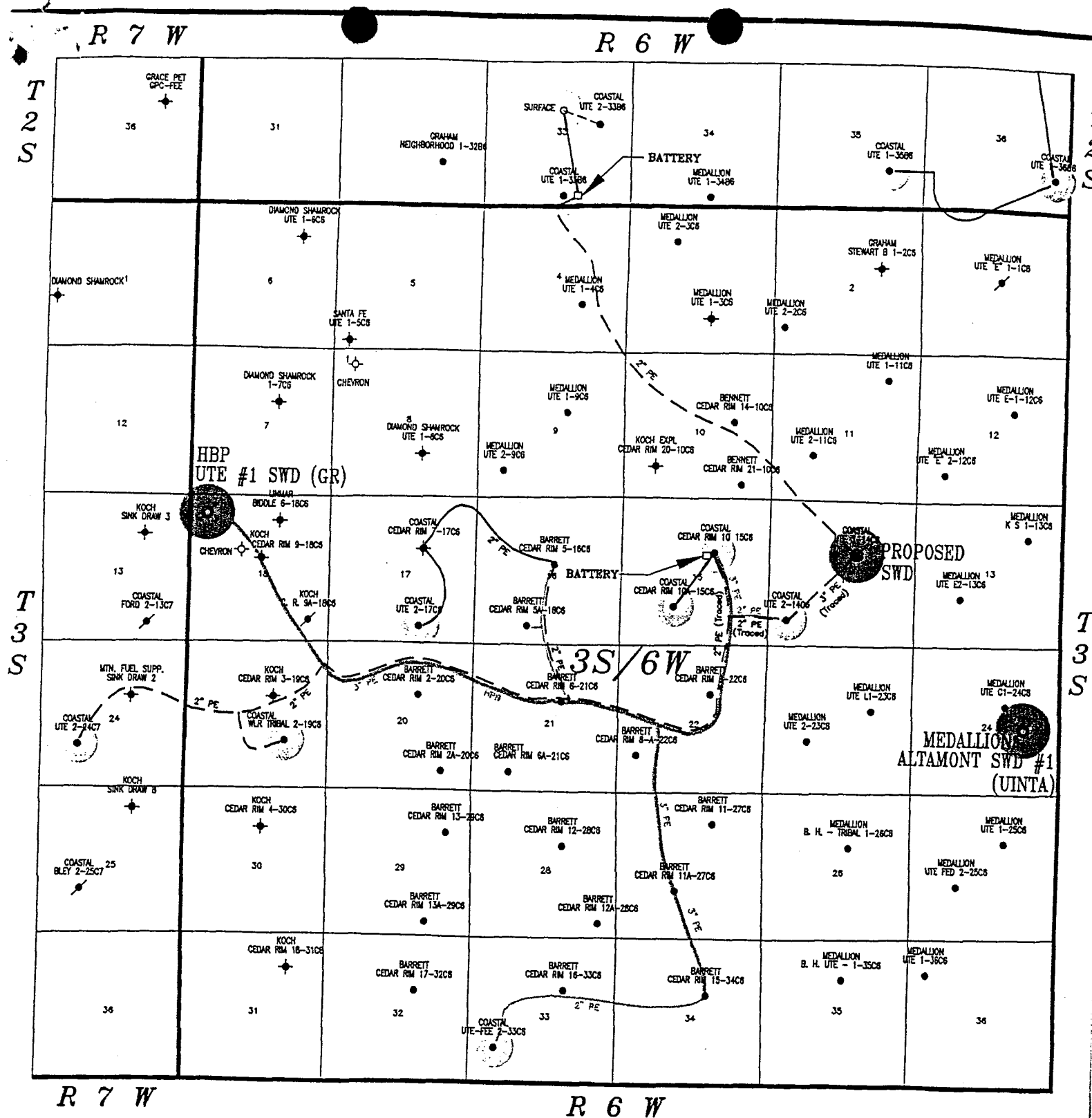


14. I hereby certify that the foregoing is true and correct

Signed Bonnie Carson Title Senior Environmental Analyst Date 08/11/97

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:



# LEGEND

- COASTAL 2" PIPELINE
- - COASTAL PROPOSED
- COASTAL 3" PIPELINE
- SWD WELLS
- HBP SWD LINE
- PRODUCTION FLOW LINE INTO BATTERY
- COASTAL OPERATED WELLS

**Coastal Oil & Gas Corporation**  
A SUBSIDIARY OF THE COASTAL CORPORATION  
*The Energy People*

**GREATER ALTAMONT/BLUEBELL FIELD**  
Duchesne, Uintah Cos., Utah

**SALTWATER DISPOSAL GATHERING SYSTEM**  
DUCHEсне, UINTAH COS., UTAH

P. STALNAKER

JULY, 1997



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTSL-065841  
(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company : Oil and Gas  
Nine Greenway Plaza :  
Houston TX 77046-0095 :

### Name Change Recognized


Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah, DOGM,~~ Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 8 South 1200 East CITY Vernal STATE Utah ZIP 84078		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		8. WELL NAME and NUMBER: Exhibit "A" 9. API NUMBER:
PHONE NUMBER: 435-789-4433		10. FIELD AND POOL, OR WILDCAT:

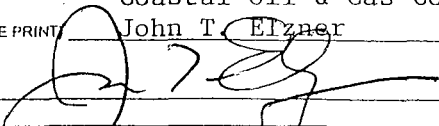
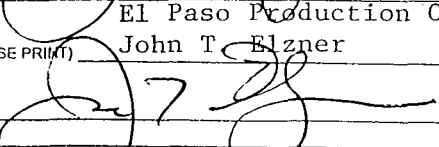
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: Name Change
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation	
NAME (PLEASE PRINT) John T. Elzner	TITLE Vice President
SIGNATURE 	DATE 06-15-01
El Paso Production Oil & Gas Company	
NAME (PLEASE PRINT) John T. Elzner	TITLE Vice President
SIGNATURE 	DATE 06-15-01

This space for State use only

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

State of Delaware  
*Office of the Secretary of State*

---

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

MAR 9 2001

DIVISION OF  
OIL, GAS AND MINING



0610204 8100

010162788

*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 1061007

DATE: 04-03-01

CERTIFICATE OF AMENDMENT  
OF  
CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

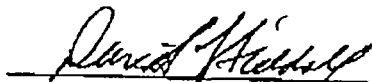
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
(Margaret E. Roark, Assistant Secretary)

**RECEIVED**

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Uintah and Ouray Agency

P. O. Box 130

988 South 7500 East

Fort Duchesne, Utah 84026-0130

Phone: (435) 722-4300

Fax: (435) 722-2323

IN REPLY REFER TO:

Minerals and Mining

Phone: (435) 722-4310

Fax: (435) 722-2809

August 16, 2001

El Paso Production Company  
Attn: Elizabeth R. Williams  
Nine Greenway Plaza  
Houston, TX 77046-0995

Dear Mrs. Williams:

We are in receipt of the corporate documentation for the name change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company.

All documents appear to be in order, and the approval is hereby authorized to change all records, including change of operator of certain oil and gas wells, Rights-of-Way, Communitization Agreements, Oil and Gas Leases, Exploration and Development Agreements, etc. from Coastal Oil & Gas Corporation to "El Paso Production Oil and Gas Company".

Approval of this name change is August 16, 2001, but effective on March 9, 2001. If you have any questions, please do not hesitate to contact this office.

Respectfully,

Acting Superintendent

RECEIVED

AUG 22 2001

DIVISION OF  
OIL, GAS AND MINING

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH		4-KAS
2. CDW✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

<b>FROM: (Old Operator):</b>
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit:

## WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
UTE 1-33B6	43-013-30441	1230	33-02S-06W	INDIAN	OW	P
UTE 2-33B6	43-013-31445	11691	33-02S-06W	INDIAN	OW	S
TRIBAL FEDERAL 1-34B6	43-013-30431	10708	34-02S-06W	INDIAN	OW	S
1-35B6	43-013-30507	2335	35-02S-06W	INDIAN	OW	P
UTE 1-36B6	43-013-30502	1940	36-02S-06W	INDIAN	OW	P
FORTUNE UTE FEDERAL 1-11C	43-013-30402	5340	11-03S-05W	INDIAN	OW	S
TRIBAL FEDERAL 1-3C6	43-013-30415	10702	03-03S-06W	INDIAN	OW	S
TRIBAL FEDERAL 1-4C6	43-013-30416	10703	04-03S-06W	INDIAN	OW	S
UTE 2-5C6	43-013-31612	12382	05-03S-06W	INDIAN	OW	P
UTE TRIBAL 2-14C6	43-013-30775	9133	14-03S-06W	INDIAN	OW	P
CEDAR RIM 10 (CA 96-120)	43-013-30328	6365	15-03S-06W	INDIAN	OW	P
CEDAR RIM 10-A (CA 96-120)	43-013-30615	6420	15-03S-06W	INDIAN	OW	P
CEDAR RIM 5-A	43-013-31170	10665	16-03S-06W	INDIAN	OW	S
UTE TRIBAL 2-17C6	43-013-31033	10115	17-03S-06W	INDIAN	OW	P
W L R TRIBAL 2-19C6	43-013-31035	10250	19-03S-06W	INDIAN	OW	P
CEDAR RIM 6	43-013-30243	6340	21-03S-06W	INDIAN	OW	S
CEDAR RIM 6-A	43-013-31162	10664	21-03S-06W	INDIAN	OW	S
CEDAR RIM 8 (CA 96-89)	43-013-30257	6350	22-03S-06W	INDIAN	OW	S
UTE-FEE 2-33C6	43-013-31123	10365	33-03S-06W	INDIAN	OW	P
UTE TRIBAL 2-34C7 (CA 96-118)	43-013-31028	10240	24-03S-07W	INDIAN	OW	P

## OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 08/16/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 08/16/2001
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 08/29/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/29/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: N/A

---

**INDIAN BOND VERIFICATION:**

1. Indian well(s) covered by Bond No.: 103601473

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

---

**COMMENTS:** Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other Instructions on page 2.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. 14-20-H62-2493
2. Name of Operator El Paso E&P Company, LP		6. If Indian, Allottee, or Tribe Name UTE
3a. Address 1099 18th Street, Suite 1900 Denver, CO 80202	3b. Phone No. (include area code) 303.291.6400	7. If Unit or CA. Agreement Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SW NE 1796' 2541' 33 T 2S R 6W Long. -110.56719 FNL FEL		8. Well Name and No. UTE 2-33B6
Lat. 40.26541		9. API Well No. 43-013-31445
10. Field and Pool, or Exploratory Area Altamont		11. County or Parish, State Duchesne Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production ( Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

El Paso plans to plug the captioned well.  
Please see supporting data and plugging program attached:

COPY SENT TO OPERATOR

Date: 8-4-2008

Initials: KS

RECEIVED

JUL 21 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name (Printed/ Typed)

Rachael Overboy

Title

Engineering Tech

Signature

Date

7/15/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

By: [Signature]



## PLUG AND ABANDONMENT PROGNOSIS

UTE 2-33B6

API #: 4301331445  
SEC 33-T2S-R6W  
DUCHESNE COUNTY, UT

### WELL DATA:

ELEVATIONS: GL 7,352' KB 7,374'

FORMATION TOPS: GREEN RIVER TN1 6,181', TGR3 @ 8,755'; WASATCH @ 10,237' *BmscW ± 6400'*

BHT 150 DEG F @ 11,010' 12/94

TOTAL DEPTH: 14,140'

PBTD: 14,086'

HOLE/CASING SIZES:

17 1/2" hole	13-3/8" 54.5# K55 @ 1200' with 1220 SXS cement
12-1/4" hole	9-5/8" 40# CF95 @ 7,200' with 700 SXS cement
8-3/4" hole	7" 26# CF95 @ 11,088' with 860 SXS cement
	7" 26# CF95 TOL @ 6,703', TOC @ UNK
6" hole	5" 18# CF95 @ 14,138'
	5" 18# CF95 TOL @ 10,668' 360 SXS, TOC UNK

PERFS: 11/95 10,375-12,258'

### PACKERS & PLUGS:

CIBP @ 12,274' 11/95

WELL HAS BEEN REPORTED AS SHUT IN SINCE 11/2002

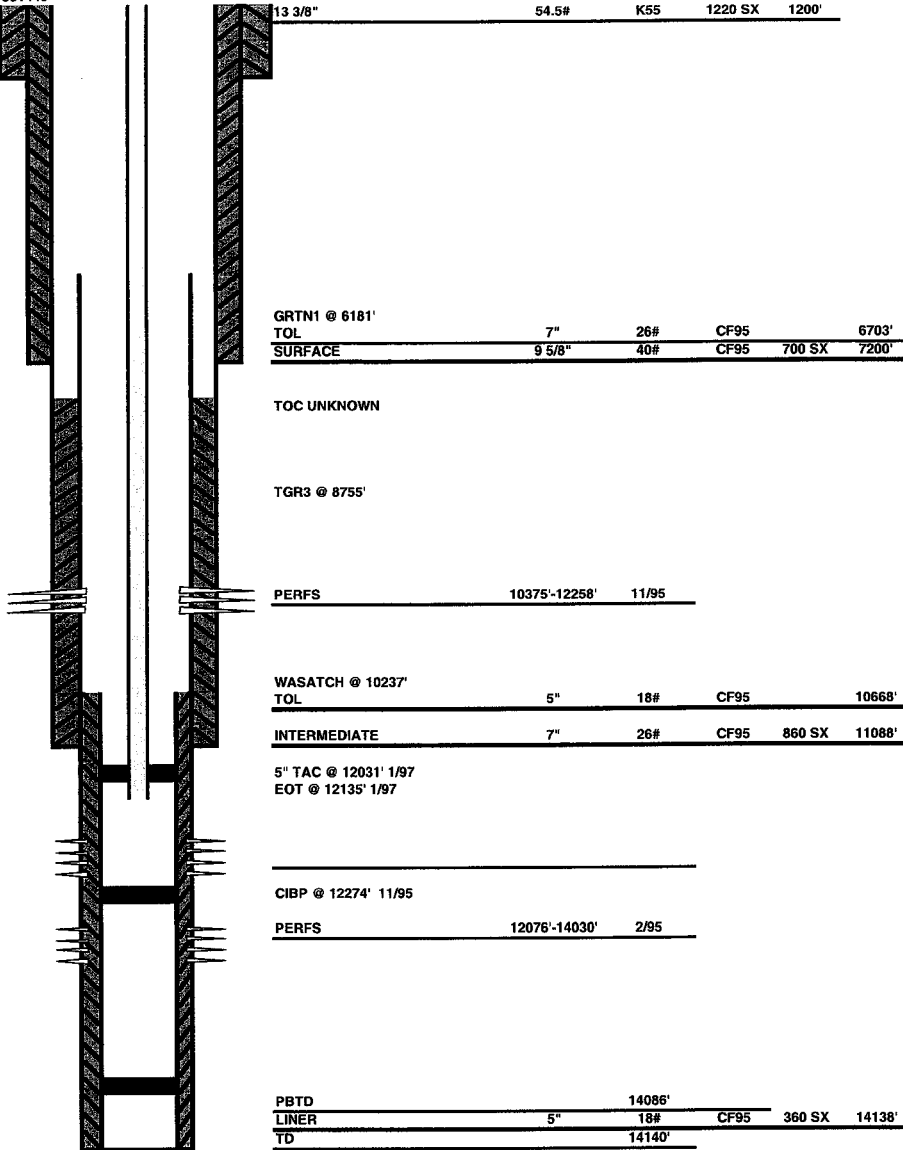
### RECOMPLETION PROGNOSIS:

1. MIRUPU. Blow well down to tank. Release pump and TOO H w/ rods. Remove wellhead equipment. NU 5,000 PSI BOPE.
2. Release 5" TAC @ 12,031' & TOO H w/ 2 7/8" 6.5# N80 & 2 3/8" 4.7# TBG. EOT @ 12,135'.
3. PU 6 1/8" bit with 7" scraper. TIH to TOL @ 10,668'.

4. Circulate hole clean w/ CTPW. TOO H.
5. Plug #1. RIH w/ 7" CICR to 10,340'. Establish injection rate. Squeeze perforations w/ 60 SX class G cement. Pump 50 SX into CICR and dump 10 SX on top. If unable to establish injection rate, spot 30 SX on top of CICR.
6. Plug #2. Spot 100' stabilizer plug 8,780-8,680' w/ 25 SX class G cement (2% CC optional). WOC and tag.
7. Plug #3. Spot 150' stabilizer plug 6,750-6,600' w/ 50 SX Class G cement (2% CC optional). WOC and tag.
8. Plug #4. Spot 100' stabilizer plug 3,600-4,500' w/ 40 SX Class G cement (2% CC optional). WOC and tag.
9. Plug #5. Set 9 5/8" CICR to 1,000'. Spot 10 SX class G on top.
10. Plug #6, TIH to 100' and spot 40 SX class G surface plug (2% CC optional). WOC and tag plug. Cement surface annulus via 1" tubing if necessary.
11. Cut off casing 3' below ground level and install dry hole plate. Dry hole plate to include well number, location, and lease name. RDMOPU.
12. Restore location.

WELL NAME: UTE 2-33B6  
WELL AS IS

SEC 33, T2S, R6W  
DUCHESNE COUNTY  
API #4301331445  
GL 7352'  
KB 7374'



HOLE SIZE	PIPE SIZE	WEIGHT	GRADE	SET DEPTH
24	20			350 SX 104'
17 1/2"	13 3/8"	54.5#	K55	1220 SX 1200'
12 1/4"	9 5/8"	40#	CF95	700 SX 7200'
TOL	7"	26#	CF95	6703'
8 3/4"	7"	26#	CF95	860 SX 11088'
TOL	5"	18#	CF95	10668'
6"	5"	18#	CF95	360 SX 14138'

PERFORATIONS			
PERFS	12076'-14030'		2/95
ACID		21,000 GAL	2/95
CIBP	12274'		11/95
PERFS	10375'-12258'		11/95
ACID		12,500 GAL	11/95
OPEN PERFS			

BMSGW @ 6600'  
BHT 150° F @ 11010' 12/94  
BHT 192° F @ 13561' 1/95

NOTE: NOT TO SCALE

TBG DETAIL 1/97

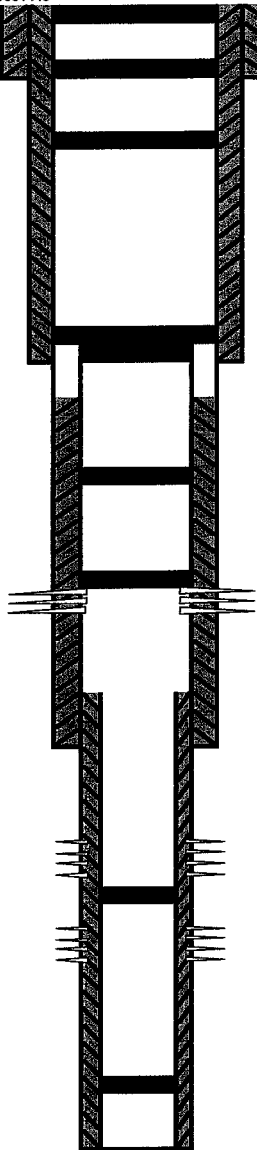
SI 11/2002 @ 205 BOPM

317 JOINTS 2 7/8" 6.5# N80  
XO 2 7/8" X 2 3/8"  
62 JOINTS 2 3/8" 4.7# N80  
5" TAC @ 12031'  
3 JOINTS 2 3/8" 4.7# N80  
2 3/8" SN @ 12129'  
2 3/8" X 6" SLOTTED PUP  
EOT @ 12135'

CONNECTED TO UTE 1-14C6 SWD??

WELL NAME: UTE 2-33B6  
PROPOSED P&A

SEC 33, T2S, R6W  
DUCHESNE COUNTY  
API #4301331445  
GL 7352'  
KB 7374'



13 3/8" 54.5# K55 1220 SX 1200'

PLUG #6 100'-0' W/ 40 SX CLASS G

PLUG #5 W/ 9 5/8" CICR @ 1000' W/ 10 SX CLASS G ON TOP

PLUG #4 @ 3600'-3500' W/ 40 SX CLASS G

GRTN1 @ 6181'

PLUG #3 @ 6750'-6600' W/ 50 SX CLASS G

TOL	7"	26#	CF95	6703'
SURFACE	9 5/8"	40#	CF95	700 SX 7200'

TOC UNKNOWN

PLUG #2 @ 8780'-8680' W/ 25 SX CLASS G  
TGR3 @ 8755'

PLUG #1 W/ 7" CICR @ 10340' W/ 50 SX CLASS G INTO & 10 SX ON TOP  
PERFS 10375'-12258' 11/95

WASATCH @ 10237'				
TOL	5"	18#	CF95	10668'

INTERMEDIATE	7"	26#	CF95	860 SX 11088'
--------------	----	-----	------	---------------

EOT @ 12135' 1/97

CIBP @ 12274' 11/95

PERFS	12076'-14030'	2/95
-------	---------------	------

PBTD	14086'			
LINER	5"	18#	CF95	360 SX 14138'
TD	14140'			

HOLE SIZE	PIPE SIZE	WEIGHT	GRADE	SET DEPTH
24	20			350 SX 104'
17 1/2"	13 3/8"	54.5#	K55	1220 SX 1200'
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TOL	7"	26#	CF95	6703'
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CONNECTED TO UTE 1-14C6 SWD??

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
14-20-H62-2493

6. If Indian, Allottee or Tribe Name  
UTE

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
EL PASO E & P COMPANY, LP.

3a. Address  
1099 18TH STREET, STE 1900

3b. Phone No. (include area code)  
303-291-6400

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
UTE 2-33B6

9. API Well No.  
4301331445

10. Field and Pool or Exploratory Area  
ALTAMONT

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1796' FNL, 2541' FEL SW NE 33T R 2S 6W

11. Country or Parish, State  
DUCHESNE

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
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OPERATOR PLUGGED AND ABANDONED THE SUBJECT WELL AS FOLLOWS:

PLUG 1: PMP 70 SX CMT INTO CICR SET @ 10341'. SPOT 10 SX CMT ON TOP OF CICR TOC @ 10287' 10341'-10287'  
PLUG 2: PMP 25 SX 2% CC CMT 8782'- 8650' TAG CMT @ 8650'  
PLUG 3: PMP 75 SX 2% CC CMT 6746'- 6562' TAG @ 6562'  
PLUG 4: PMP 80 SX CMT W 2% CC TAG TOC @ 5075' 5282'-5075'  
PLUG 5: PMP 45 SX CMT W 2% CC 3595'-3535' TAG CMT @ 3535' PMP 20 ADDL SX OF CMT W 2% CC ON TOP TAG @ 3485'  
PLUG 6: PMP 80 SX 2 % CC CMT 2609' - DID NOT TAG CICR GREEN CMT OUT OF WELL. REPUMP PLUG 6 W 80 SX 2% CC CMT TAG @ 2387' 2609'-2307'  
PLUG 7: PMP 80 SX 2% CC CMT, TAG @ 1094' PMP 45 SX ON TOP OF CICR SET @ 997' TOC @ 874' PMP 55 SX CMT 100' TO SURFACE DIG & CUT WELLHEAD, RUN 1" TBG DN ANNULUS TO 100', PMP 75 SX 2% CC & LCM CMT. PMP ANOTHER 75 SX OF CMT W 4% CC LCM CMT. FROM 75' PMP 40 SX CMT FILLING ANNULUS. WELD ON INFO PLATE.

WELL P&A ON 9/17/2008  
P&A OPERATIONS WITNESSED BY CADE TAYLOR, BLM

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
SHANELLE DEATER

Title ENGINEERING TECH

Signature

Date 11/24/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

DEC 01 2008

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DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
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